

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGATCAACG 149
Db 21 CGCAAGAGAGAGCAACG 2

RESULT 103
US-08-950-779-7/c
; Sequence 7, Application US/08950779
; Patent No. 6114519
; GENERAL INFORMATION:
; APPLICANT: Cole, Douglas L.
; APPLICANT: Ravikumar, Vasulunga T.
; APPLICANT: Cheruvallath, Zacharia S.
; TITLE OF INVENTION: Synthesis of Sulfurized Oligonucleotides
; FILE REFERENCE: ISIS2585
; CURRENT APPLICATION NUMBER: US/08/950,779
; CURRENT FILING DATE: 1997-10-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: No. 6114519el
; FEATURE:
; OTHER INFORMATION: Sequence
; US-08-950-779-7

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGATCAACG 149
Db 21 CGCAAGAGAGAGCAACG 2

RESULT 104
US-08-838-715B-22/c
; Sequence 22, Application US/08838715B
; Patent No. 6135395
; GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kinsner, Anderson
; TITLE OF INVENTION: Composition and Method for Treatment
; TITLE OF INVENTION: of CMV Infection
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,715B
; FILING DATE: April 9, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/568,366
; FILING DATE: 8/16/90
; APPLICATION NUMBER: 07/927,506
; FILING DATE: 11/19/92
; APPLICATION NUMBER: 08/009,263
; FILING DATE: 1/25/93

APPLICATION NUMBER: 08/233,711
; FILING DATE: 4/26/94
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0204
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: YES
; US-08-838-715B-22

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGATCAACG 149
Db 21 CGCAAGAGAGAGCAACG 2

RESULT 105
US-08-838-715B-88
; Sequence 88, Application US/08838715B
; Patent No. 6135395
; GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kinsner, Anderson
; TITLE OF INVENTION: Composition and Method for Treatment
; TITLE OF INVENTION: of CMV Infection
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,715B
; FILING DATE: April 9, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/568,366
; FILING DATE: 8/16/90
; APPLICATION NUMBER: 07/927,506
; FILING DATE: 11/19/92
; APPLICATION NUMBER: 08/009,263
; FILING DATE: 1/25/93
; APPLICATION NUMBER: 08/233,711
; FILING DATE: 4/26/94
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0204
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 88:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-838-715B-88

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
DB 1 CGCAAGAAGAAGACCAACG 20

RESULT 106
US-09-414-145-3/c
Sequence 3, Application US/09414145
Patent No. 6160152
GENERAL INFORMATION:
APPLICANT: Capaldi, Daniel C
APPLICANT: Ravikumar, Vasulinga T
TITLE OF INVENTION: Improved Process For The Synthesis Of Oligomeric
FILE REFERENCE: ISIS4179
CURRENT APPLICATION NUMBER: US/09/414,145
CURRENT FILING DATE: 1999-10-07
PRIOR APPLICATION NUMBER: 08/021,277
PRIOR FILING DATE: 1993-02-22
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6160152e1
US-09-414-145-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
DB 21 CGCAAGAAGAAGACCAACG 2

RESULT 107
US-09-177-953-3/c
Sequence 3, Application US/09177953
Patent No. 6274725
GENERAL INFORMATION:
APPLICANT: Sanghvi, Yogesh
APPLICANT: Ravikumar, Vasulinga T.
APPLICANT: Manoharan, Muthiah
TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
FILE REFERENCE: ISIS3148
CURRENT APPLICATION NUMBER: US/09/177,953
CURRENT FILING DATE: 1998-10-23
PRIOR APPLICATION NUMBER: 60/087,757
PRIOR FILING DATE: 1998-06-02
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6274725e1 Sequence

US-09-177-953-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
DB 21 CGCAAGAAGAAGACCAACG 2

RESULT 108
US-09-177-953-12/c
Sequence 12, Application US/09177953
Patent No. 6274725
GENERAL INFORMATION:
APPLICANT: Sanghvi, Yogesh
APPLICANT: Ravikumar, Vasulinga T.
APPLICANT: Manoharan, Muthiah
TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
FILE REFERENCE: ISIS3148
CURRENT APPLICATION NUMBER: US/09/177,953
CURRENT FILING DATE: 1998-10-23
PRIOR APPLICATION NUMBER: 60/087,757
PRIOR FILING DATE: 1998-06-02
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6274725e1 Sequence
US-09-177-953-12

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
DB 21 CGCAAGAAGAAGACCAACG 2

RESULT 109
US-09-177-953-26/c
Sequence 26, Application US/09177953
Patent No. 6274725
GENERAL INFORMATION:
APPLICANT: Sanghvi, Yogesh
APPLICANT: Ravikumar, Vasulinga T.
APPLICANT: Manoharan, Muthiah
TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
FILE REFERENCE: ISIS3148
CURRENT APPLICATION NUMBER: US/09/177,953
CURRENT FILING DATE: 1998-10-23
PRIOR APPLICATION NUMBER: 60/087,757
PRIOR FILING DATE: 1998-06-02
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 26
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6274725e1 Sequence
US-09-177-953-26

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149

Db 21 CGCAAGAGAGAGCAACG 2

RESULT 110

US-09-177-953-34/C
; Sequence 34, Application US/09177953
; Patent No. 6274725
; GENERAL INFORMATION:
; APPLICANT: Sanghvi, Yogesh
; APPLICANT: Ravikumar, Vasulunga T.
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS3148
; CURRENT APPLICATION NUMBER: US/09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 34
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6274725el Sequence
US-09-177-953-34

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149

Db 21 CGCAAGAGAGAGCAACG 2

RESULT 111

US-09-177-953-41/C
; Sequence 41, Application US/09177953
; Patent No. 6274725
; GENERAL INFORMATION:
; APPLICANT: Sanghvi, Yogesh
; APPLICANT: Ravikumar, Vasulunga T.
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS3148
; CURRENT APPLICATION NUMBER: US/09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6274725el Sequence
US-09-177-953-41

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149

Db 21 CGCAAGAGAGAGCAACG 2

RESULT 112

US-09-111-678-3/C
; Sequence 3, Application US/09111678

; Patent No. 6326478
; GENERAL INFORMATION:
; APPLICANT: Chervinallath, Zacharia S
; APPLICANT: Ravikumar, Vasulunga T
; APPLICANT: Cole, Douglas L
; TITLE OF INVENTION: Process For The Synthesis Of Oligomeric Compounds
; FILE REFERENCE: ISIS2853
; CURRENT APPLICATION NUMBER: US/09/111,678
; PRIOR FILING DATE: 1998-07-08
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6326478el
US-09-111-678-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149

Db 21 CGCAAGAGAGAGCAACG 2

RESULT 113

US-08-829-637A-128/C
; Sequence 128, Application US/08829637A
; Patent No. 6339066
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Phillip Dan Cook
; APPLICANT: Nicholas Dean
; APPLICANT: Glenn Hoke
; TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE
; TITLE OF INVENTION: PHOSPHOROTHIOATE LINKAGES OF HIGH CHIRAL PURITY AND
; TITLE OF INVENTION: WHICH MODULATE ai, all, , k, n, AND ISOFORMS OF
; NUMBER OF SEQUENCES: 136
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John W. Caldwell (28,937) Woodcock
; ADDRESSEE: Washburn Kurtz MacKiewicz & No. 6339066ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/829,637A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/481,066
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,129
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/469,851
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/468,569
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/089,996
FILING DATE: 09-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/058,023
FILING DATE: 05-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,007
FILING DATE: 16-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,760
FILING DATE: 15-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/852,852
FILING DATE: 16-MAR-1992
PRIOR APPLICATION DATA: PCT/US91/00243
APPLICATION NUMBER: 11-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/566,977
FILING DATE: 13-AUG-1990
PRIOR APPLICATION DATA: US 07/436,358
APPLICATION NUMBER: 11-JAN-1990
FILING DATE: 11-JAN-1990
ATTORNEY/AGENT INFORMATION:
NAME:
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER: ISIS-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes

US-08-829-637A-128

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
DB 21 CGCAAGAAAGAGCAACG 2

RESULT 114
US-09-287-175-3/C
Sequence 3, Application US/09287175
Patent No. 6379698
GENERAL INFORMATION:
APPLICANT: LEAMON, Christopher P
TITLE OF INVENTION: FUSOGENIC LIPIDS AND VESICLES
FILE REFERENCE: 049202/2002
CURRENT APPLICATION NUMBER: US/09/287,175
CURRENT FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-09-287-175-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
DB 21 CGCAAGAAAGAGCAACG 2

RESULT 115
US-09-287-175-6/C
Sequence 6, Application US/09287175
Patent No. 6379698
GENERAL INFORMATION:
APPLICANT: LEAMON, Christopher P
TITLE OF INVENTION: FUSOGENIC LIPIDS AND VESICLES
FILE REFERENCE: 049202/2002
CURRENT APPLICATION NUMBER: US/09/287,175
CURRENT FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-09-287-175-6

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
DB 21 CGCAAGAAAGAGCAACG 2

RESULT 116
US-09-135-202-18/C
Sequence 18, Application US/09135202
Patent No. 6399754
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: Andrew Kawasaki
TITLE OF INVENTION: Sugar Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSER: Woodcock Washburn Kurtz Mackiewicz and No. 6399754r1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/135,202
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/471,973
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 bases

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-09-135-202-18

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
DB 21 CGCAAGAGAAGAGCAACG 2

RESULT 117
US-09-135-202-19/c
Sequence 19, Application US/09135202
Patent No. 6399754
GENERAL INFORMATION:

APPLICANT: Phillip Dan Cook
APPLICANT: Andrew Kawasaki
TITLE OF INVENTION: Sugar Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSER: Woodcock Washburn Kurtz Mackiewicz and No. 6399754ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/135,202
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/471,973
FILING DATE:
ATTORNEY/AGENT INFORMATION:

NAME: Joseph Lucchi
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3439
TELEFAX: 215-568-3100
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:

LENGTH: 21 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-09-135-202-19

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
DB 21 CGCAAGAGAAGAGCAACG 2

RESULT 118
US-09-349-659-3/c
Sequence 3, Application US/09349659
Patent No. 6399756
GENERAL INFORMATION:

APPLICANT: Cheruvallab, Zacharia S
APPLICANT: Ravikumar, Vasalinga T
APPLICANT: Cole, Douglas L
TITLE OF INVENTION: Improved Process For The Synthesis Of Oligomeric
FILE REFERENCE: ISIS3837
CURRENT APPLICATION NUMBER: US/09/349,659
CURRENT FILING DATE: 1999-07-08
PRIOR APPLICATION NUMBER: 09/111,678
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6399756e1
US-09-349-659-3

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
DB 21 CGCAAGAGAAGAGCAACG 2

RESULT 119
US-08-802-331-23/c
Sequence 23, Application US/08802331
Patent No. 6451991
GENERAL INFORMATION:

APPLICANT: Cook, Phillip D.
APPLICANT: Monia, Brett
APPLICANT: Martin, Pierre
APPLICANT: Altman, Karl-Heinz
TITLE OF INVENTION: Sugar-Modified Gapped Oligonucleotides
FILE REFERENCE: ISNO0083
CURRENT APPLICATION NUMBER: US/08/802,331
CURRENT FILING DATE: 1997-02-11
NUMBER OF SEQ ID NOS: 32
SOFTWARE: Patent In version 3.1
SEQ ID NO 23
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: No. 6451991e1 Sequence
US-08-802-331-23

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
DB 21 CGCAAGAGAAGAGCAACG 2

RESULT 120
US-08-802-331-24/c
Sequence 24, Application US/08802331
Patent No. 6451991
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D.
APPLICANT: Monia, Brett
APPLICANT: Martin, Pierre
APPLICANT: Altman, Karl-Heinz
TITLE OF INVENTION: Sugar-Modified Gapped Oligonucleotides
FILE REFERENCE: ISNO0083

```

; CURRENT APPLICATION NUMBER: US/08/802,331
; CURRENT FILING DATE: 1997-02-11
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6451991el Sequence
US-08-802-331-24

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
DB 21 CGCAAGAAGAAGAGCAACG 2

RESULT 121
US-09-389-283-18/c
; Sequence 18, Application US/09389283
; Patent No. 6531584
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; TITLE OF INVENTION: 2'-Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6531584ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/389,283
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/035,357
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Luccl
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3439
; TELEFAX: 215-568-3100
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-09-389-283-18

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
DB 21 CGCAAGAAGAAGAGCAACG 2
```

```

RESULT 122
US-09-389-283-19/c
; Sequence 19, Application US/09389283
; Patent No. 6531584
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; TITLE OF INVENTION: 2'-Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6531584ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/389,283
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/035,357
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Luccl
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3439
; TELEFAX: 215-568-3100
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-09-389-283-19

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
DB 21 CGCAAGAAGAAGAGCAACG 2

RESULT 123
US-09-174-186-4
; Sequence 4, Application US/09174186
; Patent No. 6572845
; GENERAL INFORMATION:
; APPLICANT: Enaley, Burt
; TITLE OF INVENTION: Recombinant Hair Treatment Compositions
; FILE REFERENCE: 2001605-0002 (Keratin)
; CURRENT APPLICATION NUMBER: US/09/174,186
; CURRENT FILING DATE: 1998-10-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
; OTHER INFORMATION: primer for PCR
```

US-09-174-186-4

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1468 CTGGGGGAGCGGATCCACA 1487
DB 1 CTGGGGGAGCGGATCCCTCCA 20

RESULT 124
US-09-306-278A-3/c
; Sequence 3, Application US/09306278A
; Patent No. 6610842

; GENERAL INFORMATION:
; APPLICANT: Capaldi, Daniel C
; APPLICANT: Ravikumar, Vasalinga T
; APPLICANT: Cole, Douglas L
; TITLE OF INVENTION: Processes For The Synthesis Of Oligomers Using Phosphoramidite
; FILE REFERENCE: ISIS3481
; CURRENT APPLICATION NUMBER: US/09/306,278A
; PRIOR FILING DATE: 1998-05-06
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6610842el Sequence
US-09-306-278A-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149
DB 21 CGCAAGAGAGAGCAACG 2

RESULT 125
US-10-318-628-3/c

; Sequence 3, Application US/10318628
; Patent No. 6642373
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Ravikumar, Vasalinga T.
; APPLICANT: Sanghvi, Yogesh
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS4855
; CURRENT APPLICATION NUMBER: US/10/318,628
; PRIOR FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: 09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-318-628-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149
DB 21 CGCAAGAGAGAGCAACG 2

RESULT 126
US-10-318-628-12/c
; Sequence 12, Application US/10318628
; Patent No. 6642373

; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Ravikumar, Vasalinga T.
; APPLICANT: Sanghvi, Yogesh
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS4855
; CURRENT APPLICATION NUMBER: US/10/318,628
; PRIOR FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: 09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-318-628-12

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149
DB 21 CGCAAGAGAGAGCAACG 2

RESULT 127
US-10-318-628-26/c

; Sequence 26, Application US/10318628
; Patent No. 6642373
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Ravikumar, Vasalinga T.
; APPLICANT: Sanghvi, Yogesh
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS4855
; CURRENT APPLICATION NUMBER: US/10/318,628
; PRIOR FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: 09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-318-628-26

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149
DB 21 CGCAAGAGAGAGCAACG 2

RESULT 128

US-10-318-628-34/c
; Sequence 34, Application US/10318628
; Patent No. 6642373
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Mathiah
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Sanghvi, Yogesh
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS4855
; CURRENT APPLICATION NUMBER: US/10/318,628
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: 09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 34
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-318-628-34

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGATCAACG 149
||| ||||| |||||
Db 21 CGCAAGAAGAGACCAACG 2

RESULT 129

US-10-318-628-41/c
; Sequence 41, Application US/10318628
; Patent No. 6642373
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Mathiah
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Sanghvi, Yogesh
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS4855
; CURRENT APPLICATION NUMBER: US/10/318,628
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: 09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-318-628-41

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGATCAACG 149
||| ||||| |||||
Db 21 CGCAAGAAGAGACCAACG 2

RESULT 130

US-10-290-587-3/c
; Sequence 3, Application US/10290587
; Patent No. 6677471
; GENERAL INFORMATION:
; APPLICANT: Cheruvallath, Zacharia S.
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Cole, Douglas L.
; TITLE OF INVENTION: Process For The Synthesis Of Oligomeric Compounds
; FILE REFERENCE: ISIS-5108
; CURRENT APPLICATION NUMBER: US/10/290,587
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: 10/016,465
; PRIOR FILING DATE: 2001-12-11
; PRIOR APPLICATION NUMBER: 09/349,659
; PRIOR FILING DATE: 1999-07-08
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-290-587-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGATCAACG 149
||| ||||| |||||
Db 21 CGCAAGAAGAGACCAACG 2

RESULT 131

US-09-754-066-13
; Sequence 13, Application US/09754066
; Patent No. 6699985
; GENERAL INFORMATION:
; APPLICANT: BURCOGLU, ARSINUR
; TITLE OF INVENTION: METHOD OF TREATING HIV INFECTIONS THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/754,066
; FILING DATE: 05-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/848,013
; FILING DATE: 2001-05-07
; APPLICATION NUMBER: 07/830,886
; FILING DATE: 04-FEB-1992
; APPLICATION NUMBER: 07/748,277
; FILING DATE: 21-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 02939.04541
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299

```
;
;   TELEX: <Unknown>
;   INFORMATION FOR SEQ ID NO: 13:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 21 base pairs
;       TYPE: nucleic acid
;       STRANDEDNESS: single
;       TOPOLOGY: linear
;     SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-754-066-13

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 950 ACTGCCACCGCAGAGGTTG 969
Db 1 ACTGCACCGCAGAGGTTG 20

RESULT 132
US-09-657-472-1986
; Sequence 1986, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stracey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1986
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1986

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1507 ATATTTCACCTAAGGAGAT 1526
Db 2 ATATTTCCTAGGAGAGAT 21

RESULT 133
US-10-029-598-48/c
; Sequence 48, Application US/10029598
; Patent No. 6747014
; GENERAL INFORMATION:
; APPLICANT: Teng, Ching-Leou
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Tillman, Lloyd
; APPLICANT: Hardee, Gregory E.
; APPLICANT: Ecker, David J.
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Compositions And Methods For No. 6747014-Parental Delivery Of Oli
; FILE REFERENCE: ISIS4945
; CURRENT APPLICATION NUMBER: US/10/029,598
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 08/082,624
```

```
;
;   PRIOR FILING DATE: 1998-05-21
;   PRIOR APPLICATION NUMBER: 09/315,298
;   NUMBER OF SEQ ID NOS: 58
;   SOFTWARE: PatentIn version 3.1
;   SEQ ID NO 48
;   LENGTH: 21
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Antisense Sequence
;   NAME/KEY: misc.feature
;   LOCATION: (1)..(21)
;   OTHER INFORMATION: Phosphorothioate linkage
US-10-029-598-48

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149
Db 21 CGCAAGAAGAGAGCAACG 2

RESULT 134
US-10-029-598-56/c
; Sequence 56, Application US/10029598
; Patent No. 6747014
; GENERAL INFORMATION:
; APPLICANT: Teng, Ching-Leou
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Tillman, Lloyd
; APPLICANT: Hardee, Gregory E.
; APPLICANT: Ecker, David J.
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Compositions And Methods For No. 6747014-Parental Delivery Of Oli
; FILE REFERENCE: ISIS4945
; CURRENT APPLICATION NUMBER: US/10/029,598
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 08/082,624
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: 09/315,298
; PRIOR FILING DATE: 1999-05-20
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Sequence
; NAME/KEY: misc.feature
; LOCATION: (1)..(7)
; OTHER INFORMATION: 2'-O-methoxyethyl
; NAME/KEY: misc.feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc.feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc.feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc.feature
; LOCATION: (13)..(13)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc.feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc.feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: 5'-methyl
```



```
; NAME/KEY: misc feature
; LOCATION: (1)..(21)
; OTHER INFORMATION: Phosphorothioate linkage
US-10-029-598-56

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAAAACG 149
Db 21 CGCAAGAAGAAGAGCAAAACG 2

RESULT 135
US-09-835-370-1/c
; Sequence 1, Application US/09835370
; Patent No. 677544
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; APPLICANT: WILL, DAVID W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835,370
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of PNA derivatives that bind to
; OTHER INFORMATION: viral and cellular targets
US-09-835-370-1

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAAAACG 149
Db 21 CGCAAGAAGAAGAGCAAAACG 2

RESULT 136
PCT-US91-05815-22/c
; Sequence 22, Application PC/TUS9105815
; GENERAL INFORMATION:
; APPLICANT: Anderson, Kevin P.
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: Oligonucleotides for Modulating
; TITLE OF INVENTION: the Effects of Cytomegalovirus Infections
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSER: Norris
; STREET: One Liberty Place -- 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
; MEDIUM TYPE: STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05815

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAAAACG 149
Db 21 CGCAAGAAGAAGAGCAAAACG 2

RESULT 137
PCT-US95-05007-1/c
; Sequence 1, Application PC/TUS9505007
; GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kisner
; TITLE OF INVENTION: Composition and Method for Treating
; TITLE OF INVENTION: CMV Infections
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
; MEDIUM TYPE: STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05007
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/568,366
; FILING DATE: 8/16/90
; APPLICATION NUMBER: PCT/US91/05815
; FILING DATE: 8/14/91
; APPLICATION NUMBER: 07/927,506
; FILING DATE: 11/19/92
; APPLICATION NUMBER: 08/009,263
; FILING DATE: 1/25/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0093
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
```

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
PCT-US95-05007-1

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
||| ||||| ||||| |||||
Db 21 CGCAGAAGAAGACGAAACG 2

RESULT 138
PCT-US95-06160-24/c
; Sequence 24, Application PC/TUS9506160
; GENERAL INFORMATION:
; APPLICANT: Gregory S. Pari
; TITLE OF INVENTION: Oligonucleotides with Anti-
; TITLE OF INVENTION: Cytomegalovirus Activity
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusner
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06160
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HVZ-020PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
PCT-US95-06160-24

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
||| ||||| ||||| |||||
Db 21 CGCAGAAGAAGACGAAACG 2

RESULT 139
PCT-US95-06743-10
; Sequence 10, Application PC/TUS9506743
; GENERAL INFORMATION:
; APPLICANT: Bergsma, Derk J.

; APPLICANT: Stambolian, Dwight
; TITLE OF INVENTION: Human Galactokinase Gene
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corp./Corporate
; ADDRESSEE: Intellectual Property
; STREET: 709 Swedeland Road/UW2220
; CITY: King of Prussia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06743
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/10825
; FILING DATE: 23-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Sutton, Jeffrey A.
; REGISTRATION NUMBER: 34,028
; REFERENCE/DOCKET NUMBER: P50268-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5024
; TELEFAX: 610-270-5090
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US95-06743-10

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCCGTGGCCTCG 946
||| ||||| ||||| |||||
Db 2 CCAGCAGCTCCGCGACCTGG 21

RESULT 140
PCT-US96-08757A-7/c
; Sequence 7, Application PC/TUS9608757A
; GENERAL INFORMATION:
; APPLICANT: ISIS Pharmaceuticals, Inc., et al.
; TITLE OF INVENTION: Oligonucleotides Having Phosphorothioate
; TITLE OF INVENTION: Linkages Of High Chiral Purity
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/08757A
; FILING DATE: 05-JUN-1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/471,967
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/467,597
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/468,447
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/468,569
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/466,692
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/471,966
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/469,851
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/470,129
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: 1SIS-2298
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US96-08757A-7

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAGACATCAACG 149
||| ||||| |||||
Db 21 CGCAAGAGAGACCAACG 2

RESULT 141
US-08-232-081B-10
; Sequence 10, Application US/08232081B
; Patent No. 5886152
; GENERAL INFORMATION:
; APPLICANT: NAKATANI, TOMOYUKI
; APPLICANT: GOMI, HIDEYUKI
; APPLICANT: WJUDENES, JOHN
; APPLICANT: NOGUCHI, HIROSHI
; TITLE OF INVENTION: HUMANIZED B-B10
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
; STREET: PO BOX 747
; CITY: FALLS CHURCH
; STATE: VA
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,081B

; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: SVENSSON, LEONARD R
; REGISTRATION NUMBER: 30,330
; REFERENCE/DOCKET NUMBER: 20-3484
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 205-8000
; TELEFAX: (703) 205-8050
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-232-081B-10

Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 140 AGATCAAAACGCGAGTGTC 159
||| ||||| |||||
Db 1 AGGTCAAACTGCAGCGTCA 20

RESULT 142
US-09-755-665-68/c
; Sequence 68, Application US/09755665
; Patent No. 6600019
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tailon, Bruce E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: MacDougall, John
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/09/755,665
; CURRENT FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
; PRIOR FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 68
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
; US-09-755-665-68

Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1426 ATCTCCGAGAGGATGCCAT 1445
||| | |||||
Db 22 ATCTTCAGAGAGGATGCCAT 3

RESULT 143
US-09-546-596A-19/c
; Sequence 19, Application US/09546596A
; Patent No. 6753423
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; Cook, Phillip D.
; Bennett, C. Frank
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
; ENHANCED BIOSTABILITY AND ALTERED BIODISTRIBUTION OF

OLIGONUCLEOTIDES IN MAMMALS

NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
and No. 6753423ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/546,596A
FILING DATE: 10-Apr-2000
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Lucci, Joseph
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2707
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-546-596A-19

Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
DB 22 CGCAAGAAGAAGAGCAACG 3

RESULT 144

US-08-117-363A-19/c
Sequence 19, Application US/08117363A
Patent No. 6783931

GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Phillip D. Cook
TITLE OF INVENTION: AMINE-DERIVATIZED NUCLEOSIDES AND
TITLE OF INVENTION: OLIGONUCLEOSIDES

NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock
and No. 6783931ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,363A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: Lucci, Joseph
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-1169
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-117-363A-19

Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
DB 22 CGCAAGAAGAAGAGCAACG 3

RESULT 145

US-08-068-945A-25/c
Sequence 25, Application US/08068945A
Patent No. 5616483

GENERAL INFORMATION:
APPLICANT: Bjursell, Gunnar
APPLICANT: Carlsson, Peter
APPLICANT: Enerback, Sven
APPLICANT: Hansson, Lennart
APPLICANT: Lidberg, Ulf
APPLICANT: Nilsson, Jeanette
APPLICANT: Tornell, Jan
TITLE OF INVENTION: New DNA Sequences
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: White & Case
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States
ZIP: 10036-2787

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/068,945A
FILING DATE: 27-MAY-1993
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 9201809-2
FILING DATE: 11-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 9201826-6
FILING DATE: 12-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 9202088-2
FILING DATE: 03-JUL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 9300902-5
FILING DATE: 19-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Sterner, Richard J.
REGISTRATION NUMBER: 35,372
REFERENCE/DOCKET NUMBER: 1103326-052
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)819-8783
TELEFAX: (212)354-8113

```
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-068-945A-25

Query Match          0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 ATGGGGTCTCATGGGGAG 368
Db 22 ATGGGGTCTGGGTGGGAG 3

RESULT 146
US-08-442-806-25/c
; Sequence 25, Application US/08442806
; Patent No. 5716817
; GENERAL INFORMATION:
; APPLICANT: Bjursell, Gunnar
; APPLICANT: Carlsson, Peter
; APPLICANT: Enerback, Sven
; APPLICANT: Hansson, Lennart
; APPLICANT: Lidberg, Ulf
; APPLICANT: Nilsson, Jeanette
; APPLICANT: Tornell, Jan
; TITLE OF INVENTION: Genomic DNA Sequences
; TITLE OF INVENTION: Encoding Human BSSL/CEL
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: White & Case
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10036-2787
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442.806
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/068,945
; FILING DATE: 27-MAY-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9201809-2
; FILING DATE: 11-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9201826-6
; FILING DATE: 12-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9202088-2
; FILING DATE: 03-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9300902-5
; FILING DATE: 19-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Sterner, Richard J.
; REGISTRATION NUMBER: 35,372
; REFERENCE/DOCKET NUMBER: 1103326-052
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)819-8783
; TELEFAX: (212)354-8113
; INFORMATION FOR SEQ ID NO: 25:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-442-806-25

Query Match          0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 ATGGGGTCTCATGGGGAG 368
Db 22 ATGGGGTCTGGGTGGGAG 3

RESULT 147
US-08-653-740-18/c
; Sequence 18, Application US/08653740
; Patent No. 5792850
; GENERAL INFORMATION:
; APPLICANT: James W. Baumgartner
; APPLICANT: Donald C. Foster
; APPLICANT: Frank J. Grant
; APPLICANT: Cindy A. Sprecher
; TITLE OF INVENTION: HEMATOPOIETIC CYTOKINE RECEPTOR
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/653.740
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, Gary E
; REGISTRATION NUMBER: 31,648
; REFERENCE/DOCKET NUMBER: 95-31
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6673
; TELEFAX: 206-442-6678
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: 9826
US-08-653-740-18

Query Match          0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1294 TCCACGAGGAGTTCAAGC 1313
Db 23 TCCACGAGGAGTTCAAGTC 4

RESULT 148
US-08-463-090B-18/c
; Sequence 18, Application US/08463090B
```

```
; Patent No. 5801015
; GENERAL INFORMATION:
; APPLICANT: Cottarel, Guillaume
; APPLICANT: Damagnez, Veronique
; APPLICANT: Draetta, Giulio
; TITLE OF INVENTION: Cell-Cycle Regulatory Proteins from
; TITLE OF INVENTION: Human Pathogens, and Uses Related Thereto
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley, Hoag & Eliot, LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII (text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/463,090B
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: MIV032.01
; TELEPHONE: (617) 832-1299
; TELEFAX: (617) 832-7000
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; US-08-463-090B-18

Query Match 0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 60.9%; Pred. No. 2.4e+02;
Matches 14; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

QY 1093 ACACGTGTGTTACGGCCCTGA 1115
|||:|||||:|||||
Db 23 ACNYNTGTAYNGNCNCNGA 1

RESULT 149
US-09-073-594-18/c
; Sequence 18, Application US/09073594
; Patent No. 5925735
; GENERAL INFORMATION:
; APPLICANT: James W. Baumgartner
; APPLICANT: Donald C. Foster
; APPLICANT: Frank J. Grant
; APPLICANT: Cindy A. Sprecher
; TITLE OF INVENTION: HEMATOPOIETIC CYTOKINE RECEPTOR
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, Gary E
; REGISTRATION NUMBER: 31,648
; REFERENCE/DOCKET NUMBER: 95-31
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6673
; TELEFAX: 206-442-6678
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: 9826
; US-09-275-925-18
```

```
; APPLICATION NUMBER: US/09/073,594
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, Gary E
; REGISTRATION NUMBER: 31,648
; REFERENCE/DOCKET NUMBER: 95-31
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6673
; TELEFAX: 206-442-6678
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: 9826
; US-09-073-594-18

Query Match 0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1294 TCCACGAGGAGTTCAAGAC 1313
|||:|||||:|||||
Db 23 TCCACGAGCAGTTCAAGTC 4

RESULT 150
US-09-275-925-18/c
; Sequence 18, Application US/09275925
; Patent No. 6080406
; GENERAL INFORMATION:
; APPLICANT: James W. Baumgartner
; APPLICANT: Donald C. Foster
; APPLICANT: Frank J. Grant
; APPLICANT: Cindy A. Sprecher
; TITLE OF INVENTION: HEMATOPOIETIC CYTOKINE RECEPTOR
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, Gary E
; REGISTRATION NUMBER: 31,648
; REFERENCE/DOCKET NUMBER: 95-31
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6673
; TELEFAX: 206-442-6678
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: 9826
; US-09-275-925-18
```

```
Query Match          0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1294 TCCAACGAGGAGTTCAGAC 1313
Db 23 TCCACGAGCAGTTCAGTC 4

RESULT 151
US-09-647-344A-3
; Sequence 3, Application US/09647344A
; Patent No. 6586180
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.PCT.US
; CURRENT APPLICATION NUMBER: US/09/647,344A
; CURRENT FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; NUMBER OF SEQ ID NOS: 50
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion lib
US-09-647-344A-3

Query Match          0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 364 GAGAGTGACCGGCTTCAGC 383
Db 4 GACAGTCACCGAGCTTCAGC 23

RESULT 152
US-09-256-496-10
; Sequence 10, Application US/09256496
; Patent No. 5998206
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-12 EXPRESSION
; FILE REFERENCE: RTS-0056
; CURRENT APPLICATION NUMBER: US/09/256,496
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-496-10

Query Match          0.9%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1633 AGCAGCGAGCGGCTG 1647
Db 1 AGCAGCGAGCGGCTG 15

RESULT 153
US-09-696-791-204
; Sequence 204, Application US/09696791
; Patent No. 6770633
```

```
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 204
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-204

Query Match          0.9%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 922 CTGTTCCAGCTGCTC 936
Db 5 CTGTTCCAGCTGCTC 19

RESULT 154
US-08-621-841-50
; Sequence 50, Application US/08621841
; Patent No. 6096869
; GENERAL INFORMATION:
; APPLICANT: Stanley, Margaret A.
; APPLICANT: Scanlini, Cinzia G.
; TITLE OF INVENTION: TREATMENT OF PAPILLOMAVIRUS-ASSOCIATED
; TITLE OF INVENTION: LESIONS
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,841
; FILING DATE: 22-MAR-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9505784.0
; FILING DATE: 22-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Walter H.
; REGISTRATION NUMBER: 24,190
; REFERENCE/DOCKET NUMBER: A-63316
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-621-841-50
```

Query Match 0.9%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1068 AAAGACATACCTCAA 1082
Db 2 AAAGACATACCTCAA 16

RESULT 155
US-07-711-303-7
; Sequence 7, Application US/07711303
; Patent No. 6337182
; GENERAL INFORMATION:
; APPLICANT: Cerutti, Peter A.
; APPLICANT: Felley-Bosco, Emanuela
; APPLICANT: Sandy, Martha
; APPLICANT: Amstad, Paul
; APPLICANT: Zijlstra, Jacob
; APPLICANT: Pourzand, Charareh
; TITLE OF INVENTION: Method for the Quantitative
; DETERMINATION OF DNA SEQUENCES
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESS: Dunner
; STREET: 1300 I Street, N.W. Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/711,303
; FILING DATE: 19910606
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 90110907.4
; FILING DATE: 08-JUN-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Lavin Jr., Lawrence M.
; REGISTRATION NUMBER: 30,768
; REFERENCE/DOCKET NUMBER: 2481-1081
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-711-303-7

Query Match 0.9%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 970 CTACACCGAGACCTC 984
Db 5 CTACACCGAGACCTC 19

RESULT 156
US-08-410-654B-29
; Sequence 29, Application US/08410654B
; Patent No. 5833976
; GENERAL INFORMATION:

; APPLICANT: Rene de Waal Malefyt
; APPLICANT: Di-Hwei Hsu
; APPLICANT: Anne O'Garra
; APPLICANT: Hergen Spits
; TITLE OF INVENTION: Use of Interleukin-10 to Treat
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schering-Plough Corporation
; STREET: 2000 Galloping Hill Road
; CITY: Kenilworth
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07033

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: 7.5.3
; SOFTWARE: Microsoft Word 5.1a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/410,654B
; FILING DATE: 24-MAR-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/229,854
; FILING DATE: 19-APR-1994
; APPLICATION NUMBER: US 07/926,853
; FILING DATE: 06-AUG-1992
; APPLICATION NUMBER: US 07/742,129
; FILING DATE: 06-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Foulke, Cynthia L.
; REGISTRATION NUMBER: 32,364
; REFERENCE/DOCKET NUMBER: DX0221KQ1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-298-2987
; TELEFAX: 908-298-5388
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (oligonucleotide)
US-08-410-654B-29

Query Match 0.9%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1068 AAAGACATACCTCAA 1082
Db 2 AAAGACATACCTCAA 16

RESULT 157
US-08-474-851-29
; Sequence 29, Application US/08474851
; Patent No. 5837232
; GENERAL INFORMATION:
; APPLICANT: Rene de Waal Malefyt
; APPLICANT: Di-Hwei Hsu
; APPLICANT: Anne O'Garra
; APPLICANT: Hergen Spits
; TITLE OF INVENTION: Use of An Interleukin-10 Antagonist to Treat
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schering-Plough Corporation
; STREET: 2000 Galloping Hill Road
; CITY: Kenilworth
; STATE: New Jersey
; COUNTRY: USA

ZIP: 07033
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: 7.5.3
SOFTWARE: Microsoft Word 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,851
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/410,654
FILING DATE: 24-MAR-1995
APPLICATION NUMBER: US 08/229,854
FILING DATE: 19-APR-1994
APPLICATION NUMBER: US 07/926,853
FILING DATE: 06-AUG-1992
APPLICATION NUMBER: US 07/742,129
FILING DATE: 06-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Foulke, Cynthia L.
REGISTRATION NUMBER: 32,364
REFERENCE/DOCKET NUMBER: DX0221KQ1GD
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-298-2987
TELEFAX: 908-298-5388
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-08-474-851-29

Query Match 0.9%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1068 AAAGACATACCTCCAA 1082
|||||
DB 2 AAAGACATACCTCCAA 16

RESULT 158
US-08-481-560-29
Sequence 29, Application US/08481560
Patent No. 5837293
GENERAL INFORMATION:
APPLICANT: Rene de Waal Malefyt
APPLICANT: Di-Hwei Hsu
APPLICANT: Anne O'Garra
APPLICANT: Hergen Spits
TITLE OF INVENTION: Use of Interleukin-10 to Modulate
TITLE OF INVENTION: Inflammation or T-Cell Mediated
TITLE OF INVENTION: Immune Function
NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSER: Schering-Plough Corporation
STREET: 2000 Galloping Hill Road
CITY: Kenilworth
STATE: New Jersey
COUNTRY: USA
ZIP: 07033
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: 7.5.3
SOFTWARE: Microsoft Word 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,560
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/410,654
FILING DATE: 24-MAR-1995
APPLICATION NUMBER: US 08/229,854
FILING DATE: 19-APR-1994
APPLICATION NUMBER: US 07/926,853
FILING DATE: 06-AUG-1992
APPLICATION NUMBER: US 07/742,129
FILING DATE: 06-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Foulke, Cynthia L.
REGISTRATION NUMBER: 32,364
REFERENCE/DOCKET NUMBER: DX0221KQ1GC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-298-2987
TELEFAX: 908-298-5388
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-08-481-560-29

Query Match 0.9%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1068 AAAGACATACCTCCAA 1082
|||||
DB 2 AAAGACATACCTCCAA 16

RESULT 159
US-09-657-472-1729
Sequence 1729, Application US/09657472
Patent No. 6727063
GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1729
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-1729

Query Match 0.9%; Score 15; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1031 CTGACTTTGGCTGGCC 1047
|||||
DB 1 CTGACTTTGGSTGGCC 17

RESULT 160

```

; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 42
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-150-900-42

Query Match          0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0;

Qy      242  GCGGCAGTGCACCTGGAGAGGCC 264
Db      1    GCGGCGGGGCCCTGGACAGGCC 23

RESULT 162
US-09-449-218D-21
; Sequence 21, Application US/09449218D
; Patent No. 6395511
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Galas, David J.
; APPLICANT: Kovacevich, Brian
; APPLICANT: Mulligan, John T.
; APPLICANT: Paepfer, Bryan W.
; APPLICANT: Van Ness, Jeffrey
; APPLICANT: Winkler, David G.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INCREASING
; FILE REFERENCE: 240083.508
; CURRENT APPLICATION NUMBER: US/09/449,218D
; CURRENT FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 21
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer for PCR
US-09-449-218D-21

Query Match          0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0;

Qy      506  AGGCTACCTGGAGAGCTGACC 528
Db      1    AGGCCAACCGCGAGAGATGACC 23

RESULT 163
US-09-668-529A-21
; Sequence 21, Application US/09668529A
; Patent No. 6489445
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Galas, David J.
; APPLICANT: Kovacevich, Brian
; APPLICANT: Mulligan, John T.
; APPLICANT: Paepfer, Bryan W.
; APPLICANT: Van Ness, Jeffrey
; APPLICANT: Winkler, David G.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INCREASING BONE
; FILE REFERENCE: 240083.508D1
; CURRENT APPLICATION NUMBER: US/09/668,529A
; CURRENT FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 21
; LENGTH: 23

```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer for PCR
US-09-668-529A-21

Query Match          0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 506 AGGCTACCTGGAGAAGCTGACC 528
Db 1 AGGCCAACCGGAGAGATGACC 23

RESULT 164
US-09-668-037A-21
; Sequence 21, Application US/09668037A
; Patent No. 6495736
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Galas, David J.
; APPLICANT: Kovacevich, Brian
; APPLICANT: Mulligan, John T.
; APPLICANT: Paepex, Bryan W.
; APPLICANT: Van Ness, Jeffrey
; APPLICANT: Winkler, David G.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INCREASING BONE
; TITLE OF INVENTION: MINERALIZATION
; FILE REFERENCE: 240083.508D4
; CURRENT APPLICATION NUMBER: US/09/668,037A
; CURRENT FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 21
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer for PCR
US-09-668-037A-21

Query Match          0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 506 AGGCTACCTGGAGAAGCTGACC 528
Db 1 AGGCCAACCGGAGAGATGACC 23

RESULT 165
US-09-761-962A-43/c
; Sequence 43, Application US/09761962A
; Patent No. 6500927
; GENERAL INFORMATION:
; APPLICANT: Memorial Sloan-Kettering Cancer Center
; TITLE OF INVENTION: MULTIPLE SPLICE VARIANTS OF THE MU-OPIOID RECEPTOR GENE
; FILE REFERENCE: 830002-2000.2
; CURRENT APPLICATION NUMBER: US/09/761,962A
; CURRENT FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/743,872
; PRIOR APPLICATION NUMBER: PCT/US99/15974
; PRIOR FILING DATE: 1999-07-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 43
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense primer from exon 2 used in RT-PCR of mouse brain RNA
US-09-761-962A-43
```

```
Query Match          0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1715 GCCTGAGCCATGTTTCACCTGCC 1737
Db 23 GCCTTAGCCACTACCACCTGCC 1

RESULT 166
US-09-920-760-24/c
; Sequence 24, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-24

Query Match          0.8%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 992 AGAACCTGCTCATCAACG 1009
Db 18 AGAACCTGCTCACCATCG 1

RESULT 167
US-09-422-978-11527
; Sequence 11527, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11527
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-9308 for SEQ 3662, in compleme
US-09-422-978-11527

Query Match          0.8%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1679 CCAACTACATCTTCCTCG 1696
Db 1679 CCAACTACATCTTCCTCG 1696
```

```
Db      1  CCAACTACATATCCCTG 18

RESULT 168
US-09-696-791-4270
; Sequence 4270, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4270
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Hammerhead ribozyme recognition site for cdc 2 kinase
US-09-696-791-4270

Query Match      0.8%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1028  TGGCTGACTTTGGCCTGG 1045
          ||||| ||||| ||||| ||
Db      1  TGGCTGATTTTGGCCTTG 18

RESULT 169
US-09-696-791-4271
; Sequence 4271, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4271
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Hammerhead ribozyme recognition site for cdc 2 kinase
US-09-696-791-4271

Query Match      0.8%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1029  GGCTGACTTTGGCCTGCG 1046
          ||||| ||||| ||||| ||
Db      1  GGCTGATTTTGGCCTTGC 18

RESULT 170
US-09-696-791-4272
; Sequence 4272, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
```

```
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4272
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Hammerhead ribozyme recognition site for cdc 2 kinase
US-09-696-791-4272

Query Match      0.8%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1030  GCTGACTTTGGCCTGGCC 1047
          ||||| ||||| ||||| ||
Db      1  GCTGATTTTGGCCTTGCC 18

RESULT 171
US-09-696-791-205
; Sequence 205, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 205
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-205

Query Match      0.8%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      927  CCAGCTGCTCCGCTGGCCT 944
          ||||| ||||| ||||| ||
Db      1  CCAGCTGCTCCAGGGCCT 18

RESULT 172
US-09-696-791-585
; Sequence 585, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 585
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
```

```
; OTHER INFORMATION: Cdk6 ribozyme binding site
US-09-696-791-585

Query Match          0.8%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1030 GCTGACTTGGCCCTGGCC 1047
      ||||| ||||| ||||| |||||
Db 2 GCTGACTTCGGCCCTTGCC 19

RESULT 173
US-09-696-791-1852
; Sequence 1852, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1852
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D1 ribozyme binding site
US-09-696-791-1852

Query Match          0.8%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 272 GTGCTGCTCTCTGGGAAC 289
      | ||||| ||||| |||||
Db 2 GAGCTGCTCTCTGGTGAAC 19

RESULT 174
US-08-435-529-22
; Sequence 22, Application US/08435529
; Patent No. 5635354
; GENERAL INFORMATION:
; APPLICANT: KOURILSKY, PHILIPPE
; APPLICANT: PANNETIER, CHRISTOPHE
; APPLICANT: COCHET, MADELEINE
; TITLE OF INVENTION: METHOD FOR DESCRIBING THE REPERTOIRES OF
; TITLE OF INVENTION: ANTIBODIES (Ab) AND OF T-CELL RECEPTORS (TCR) OF AN
; TITLE OF INVENTION: INDIVIDUAL'S IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/435,529
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/08/084,249
; FILING DATE: 09-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5635354man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-015-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-08-435-529-22

Query Match          0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 823 AAGTCCTTCACCCCTTGTC 840
      ||||| ||||| |||||
Db 3 AAGTCCATCAGCCTTGTC 20

RESULT 175
US-09-288-461-27
; Sequence 27, Application US/09288461
; Patent No. 6159694
; GENERAL INFORMATION:
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0338
; CURRENT APPLICATION NUMBER: US/09/288,461
; CURRENT FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-288-461-27

Query Match          0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 CTGTTCCAGCTGCTCCGT 939
      ||||| ||||| |||||
Db 2 CTGTTCCAGCTGCTGCAT 19

RESULT 176
US-08-927-219-72/c
; Sequence 72, Application US/08927219
; Patent No. 6187533
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naohisha
; APPLICANT: Kaisaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; APPLICANT: Menzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCTYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; TITLE OF INVENTION: AND HNF-4ALPHA
```

```
/ NUMBER OF SEQUENCES: 147
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Arnold, White & Durkee
/ STREET: P.O. Box 4433
/ CITY: Houston
/ STATE: Texas
/ COUNTRY: USA
/ ZIP: 77210
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/927,219
/ FILING DATE: Concurrently Herewith
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/029,679
/ FILING DATE: 30-OCT-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/028,056
/ FILING DATE: 02-OCT-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/025,719
/ FILING DATE: 10-SEP-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Wilson, Mark B.
/ REGISTRATION NUMBER: 37,259
/ REFERENCE/DOCKET NUMBER: ARCD:272
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 512/418-3000
/ TELEFAX: 512/474-7577
/ INFORMATION FOR SEQ ID NO: 72:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-927-219-72

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 691 CTTGTGCGCACTCAGGAG 708
Db 18 CTTGTGTCACAAAGGAG 1

RESULT 177
US-08-643-212-35/c
/ Sequence 35, Application US/08643212
/ Patent No. 6207640
/ GENERAL INFORMATION:
/ APPLICANT: Attie, Kenneth
/ APPLICANT: Carlsson, Lena
/ APPLICANT: Gesundheit, Neil
/ APPLICANT: Goddard, Audrey
/ TITLE OF INVENTION: Treatment of Partial Growth Hormone
/ TITLE OF INVENTION: Insensitivity Syndrome
/ NUMBER OF SEQUENCES: 79
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Flehr, Hobbach, Test Albritton & Herbert
/ STREET: Four Embarcadero Center, Suite 3400
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: United States
/ ZIP: 94111
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
```

```
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/643,212
/ FILING DATE: 03-MAY-1996
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/224,982
/ FILING DATE: 07-APR-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Dreger, Walter H.
/ REGISTRATION NUMBER: 24,190
/ REFERENCE/DOCKET NUMBER: A-63292-2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 781-1989
/ TELEFAX: (415) 398-3249
/ TELEX: 910 277299
/ INFORMATION FOR SEQ ID NO: 35:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: unknown
/ TOPOLOGY: unknown
/
US-08-643-212-35

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1237 CACTTCATCTTCGTATC 1254
Db 19 CACTTCATATTCCTATC 2

RESULT 178
US-09-700-422-6/c
/ Sequence 6, Application US/09700422
/ Patent No. 6489142
/ GENERAL INFORMATION:
/ APPLICANT: TORRENT, CHRISTOPHE
/ APPLICANT: YEH, PATRICE
/ APPLICANT: PERRICAUDET, PATRICE
/ APPLICANT: KLATZMANN, DAVID
/ APPLICANT: SALZMANN, JEAN-LOUP
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR PRODUCING VIRAL PARTICLES
/ FILE REFERENCE: 3665-11
/ CURRENT APPLICATION NUMBER: US/09/700,422
/ CURRENT FILING DATE: 2000-11-15
/ PRIOR APPLICATION NUMBER: PCT/FR99/01184
/ PRIOR FILING DATE: 1999-05-18
/ PRIOR APPLICATION NUMBER: FR 98/06258
/ PRIOR FILING DATE: 1998-05-18
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 6
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:
/ OTHER INFORMATION: Oligonucleotide
/
US-09-700-422-6

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCTCAGCGCGCGCTCC 571
Db 18 CCCTAAGCCTCGCCTCC 1

RESULT 179
US-09-758-881-27
```

; Sequence 27, Application US/0975881
; Patent No. 6727064
; GENERAL INFORMATION:
; APPLICANT: Karas, James G
; TITLE OF INVENTION: Antisense oligonucleotide Modulation of STAT3
; FILE REFERENCE: ISPH-0532
; CURRENT APPLICATION NUMBER: US/09/758,881
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/09054
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 09/288,461
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-881-27

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 CTGTTCCAGCTGCTCCGT 939
||| ||||| ||||| |||||
DB 2 CTGTTCCAGCTGCTGCAT 19

RESULT 180
US-09-377-497-35
; Sequence 35, Application US/09377497
; Patent No. 6670119
; GENERAL INFORMATION:
; APPLICANT: YOSHIKAWA, YOSHIE
; APPLICANT: MUKAI, HIROYUKI
; APPLICANT: ASADA, KIYOZO
; APPLICANT: HINO, FUMITSUGU
; APPLICANT: KATO, IKUNOSHIN
; TITLE OF INVENTION: CANCER-ASSOCIATED GENES
; FILE REFERENCE: 1422-388P
; CURRENT APPLICATION NUMBER: US/09/377,497
; CURRENT FILING DATE: 1999-08-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 35
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: any n or Xaa = unknown
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-377-497-35

Query Match 0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1311 GACATACAACTACCCCAA 1328
||| ||||| ||||| |||||
DB 2 GAAACACAACTACCCCAA 19

RESULT 181
US-09-657-472-7
; Sequence 7, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.

; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-657-472-7

Query Match 0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.5e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 862 CTGAGCAGTACTCGGATGA 881
||| ||||| ||||| |||||
DB 1 CTGCAGAGTGTCTGGATGA 20

RESULT 182
US-09-657-472-136
; Sequence 136, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-136

Query Match 0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.5e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1267 ACTGAGGAGCGTGGCCAGG 1286
||| ||||| ||||| |||||
DB 2 ACAGAAGAGCGTGGCCCGG 21

RESULT 183
US-09-657-472-2259
; Sequence 2259, Application US/09657472

```
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1037-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2259
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-2259

Query Match          0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.5e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 542 TCTTGACAGCCCTCAGC 561
      |||||
Db 1 TCTTGACARTCTGCAGC 20

RESULT 184
US-08-802-468-10/c
; Sequence 10, Application US/08802468
; Patent No. 6278040
; GENERAL INFORMATION:
; APPLICANT: Sucov, Henry M.
; Evans, Ronald M.
; Chien, Kenneth R.
; TITLE OF INVENTION: RECEPTOR-DEFICIENT ANIMALS AND CELL
; LINES DERIVED THEREFROM, AND USES THEREOF
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESS: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/802,468
; FILING DATE: 19-Feb-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/241,044
; FILING DATE: 10-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9749
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
```

```
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-08-802-468-10

Query Match          0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 31 CAGAGGTAGGACGAGGAA 48
      |||||
Db 22 CAGAGGTAGGACGAGGAA 5

RESULT 185
US-09-033-936-6
; Sequence 6, Application US/09033936
; Patent No. 6632976
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUMA
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANAOKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; FILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/09/033,936
; CURRENT FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/JP96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-033-936-6

Query Match          0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 356 CTGATGGGAGAGTGACC 373
      |||||
Db 3 CTGATGGTGAGAGTGAAC 20

RESULT 186
US-09-657-013-12
; Sequence 12, Application US/09657013
; Patent No. 6709817
; GENERAL INFORMATION:
; APPLICANT: Zoghbi, Huda Y.
; APPLICANT: Van den Veyver, Ignatia B
; APPLICANT: Amir, Ruthie
; APPLICANT: Francke, Uta
; TITLE OF INVENTION: Methods of Identifying Mutations in a Methyl-CPG-Binding Domain
; FILE REFERENCE: HO-P01893US1/0905371
; CURRENT APPLICATION NUMBER: US/09/657,013
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/152,778
; PRIOR FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 22
; TYPE: DNA
```



```
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-657-013-12

Query Match      0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 228 GAGTGGTGGTGGTGGCGG 245
Db 2 GAGTGGTGGTGGTGGTGG 19

RESULT 187
US-09-657-013-84
; Sequence 84, Application US/09657013
; Patent No. 6709817
; GENERAL INFORMATION:
; APPLICANT: Zoghbi, Huda Y.
; APPLICANT: Van den Veyver, Ignatia B
; APPLICANT: Amir, Ruthie
; APPLICANT: Francke, Uta
; TITLE OF INVENTION: Methods of Identifying Mutations in a Methyl-CPG-Binding Domain
; FILE REFERENCE: HO-P01893US1/0905371
; CURRENT APPLICATION NUMBER: US/09/657,013
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/152,778
; PRIOR FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 84
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-657-013-84

Query Match      0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 228 GAGTGGTGGTGGTGGCGG 245
Db 2 GAGTGGTGGTGGTGGTGG 19

RESULT 188
US-08-557-139-9
; Sequence 9, Application US/08557139
; Patent No. 5827730
; GENERAL INFORMATION:
; APPLICANT: Pedersen, Oluf
; APPLICANT: Bjorbak, Christian
; APPLICANT: Frederiksen, Kathrine A.
; TITLE OF INVENTION: MUTANT DNA ENCODING INSULIN RECEPTOR
; TITLE OF INVENTION: SUBSTRATE 1
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 58277300 No. 5827730disk of No. 5827730th America
; STREET: 405 Lexington Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10174
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/08/557,139
; FILING DATE: 12-FEB-1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4041.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 867-0123
; TELEFAX: (212) 878-9655
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-557-139-9

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 551 AGCCCTCAGCGCGCTCC 571
Db 1 AGCACCAGCGCGCTCC 21

RESULT 189
US-08-863-639A-52
; Sequence 52, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Max
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel Wordperfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-08-863-639A-52

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
```

Matches	17;	Conservative	0;	Mismatches	4;	Indels	0;	Gaps	0;
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QY 555 CCTCAGCCGCCGCCCTCCGTCG 575
|||
Db 1 CCGCGCGCGCGCGCGCGCG 21

RESULT 190

US-08-863-639A-56/c
Sequence 56, Application US/08863639A
Patent No. 5981185
GENERAL INFORMATION:
APPLICANT: Watson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Muech
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-56:

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels

Qy 555 CCTAGCGCGCGCCTCCGTCG 575
 ||| ||||| ||| ||| |||
Db 21 CCGCGCGCGCGCGCGCGCG 1

RESULT 191

US-08-840316-29/c
; Sequence 29, Application US/08840316
; Patent No. 6054567
; GENERAL INFORMATION:
; APPLICANT: Emerson, Suzanne U., Purcell, Robert H.,
; APPLICANT: Tzarev, Sergei. A., and Robinson, Robin A.
; TITLE OF INVENTION: Recombinant Proteins Of
; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their
; TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVENUE

CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/840,316
FILING DATE: 11-APR-1997
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Richard W. Bork
REGISTRATION NUMBER: 36,459
REFERENCE/DOCKET NUMBER: 2026-4255
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-840-316-29

Query Match	0.8%	Score 14.6;	DB 1;	Length 21;
Best Local Similarity	81.0%;	Pred. No. 2.8e+02;		
Matches 17;	Conservative 0;	Mismatches 4;	Indels 0;	Gaps 0;
QY	814	CACACGGAGAAGTCCCTCACC	834	
Dd	21	CACACTGAGAAGTGCGTCATC	1	

RESULT 192

RESOLUTION 192
 US-08-809-523-29/c
 ; Sequence 29, Application US/08809523
 ; Patent No. 6207416
 ;
 ; GENERAL INFORMATION:
 ;
 ; APPLICANT: Tsarev, Sergei A., Emerson,
 ; APPLICANT: Suzanne U., Purcell, Robert H.
 ;
 ; TITLE OF INVENTION: Recombinant Proteins Of
 ; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their
 ; TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines
 ; NUMBER OF SEQUENCES: 107
 ;
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
 ; STREET: 345 PARK AVENUE
 ; CITY: NEW YORK
 ; STATE: NEW YORK
 ; COUNTRY: USA
 ; ZIP: 10154
 ;
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: FLOPPY DISK
 ; COMPUTER: IBM PC COMPATIBLE
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: WORDPERFECT 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/809,523
 ; FILING DATE: 28-MAY-1997
 ;
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US95/13102
 ; FILING DATE: 03-OCT-1995
 ;
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US08/316,765
 ; FILING DATE: 03-OCT-1994

```
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/947,263
; FILING DATE: 18-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Richard W. Bork
; REGISTRATION NUMBER: 36,459
; REFERENCE/DOCKET NUMBER: 2026-4032US4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-809-523-29

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      814 CACAGCGAGAGTCCTCCACC 834
Db      21 CACACTGAGAGTGGTGCATC 1

RESULT 193
US-09-109-663-37/c
; Sequence 37, Application US/09109663
; Patent No. 6277981
; GENERAL INFORMATION:
; APPLICANT: Tu, Guang-Chou
; APPLICANT: Israel, Yedy
; TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF
; FILE REFERENCE: 9855-3U1
; CURRENT APPLICATION NUMBER: US/09/109,663
; CURRENT FILING DATE: 1998-07-03
; EARLIER APPLICATION NUMBER: 60/051,705
; EARLIER FILING DATE: 1997-07-03
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 37
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Known
; OTHER INFORMATION: Effective ASO
;
US-09-109-663-37

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      225 TCAGAGTGGTGGTGGTGGCGG 245
Db      21 TCAGAGGGGAGTGGTGGCGG 1

RESULT 194
US-08-471-971-29/c
; Sequence 29, Application US/08471971
; Patent No. 6287759
; GENERAL INFORMATION:
; APPLICANT: Tearev, Sergei. A., Emerson,
; APPLICANT: Suzanne U., Purcell, Robert H.
; TITLE OF INVENTION: Recombinant Proteins Of
; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their
; TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
;
US-08-471-971-29
```

```
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,971
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US08/316,765
; FILING DATE: 03-OCT-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: US07/947,263
; FILING DATE: 18-SEP-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Richard W. Bork
; REGISTRATION NUMBER: 36,459
; REFERENCE/DOCKET NUMBER: 2026-4032US2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-471-971-29

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      814 CACAGCGAGAGTCCTCCACC 834
Db      21 CACACTGAGAGTGGTGCATC 1

RESULT 195
US-08-679-493A-134
; Sequence 134, Application US/08679493A
; Patent No. 6303295
; GENERAL INFORMATION:
; APPLICANT: Taylor, Ethan W.
; TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS
; FILE REFERENCE: 55-95
; CURRENT APPLICATION NUMBER: US/08/679,493A
; CURRENT FILING DATE: 1996-07-12
; PRIOR APPLICATION NUMBER: 60/001203
; PRIOR FILING DATE: 1995-07-14
; PRIOR APPLICATION NUMBER: 60/003,112
; PRIOR FILING DATE: 1995-09-01
; NUMBER OF SEQ ID NOS: 216
; SOFTWARE: PatentIn ver. 2.0
; SEQ ID NO 134
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Simian immunodeficiency virus
;
US-08-679-493A-134

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 2.8e+02;
Matches 13; Conservative 4; Mismatches 4; Indels 0; Gaps 0;
```

US-08-679-493A-138
; Sequence 138, Application US/08679493A
; Patent No. 6303295
; GENERAL INFORMATION:
; APPLICANT: Taylor, Ethan W.

```

; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM:
; FEATURE:

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```
; OTHER INFORMATION: PCR Primer
US-09-844-634-4

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 338 AGGACTGAAGATGGGCTGTG 358
||||| ||||| ||||| |||||
Db 21 AGGAATTGAAGTGGGAGTG 1

RESULT 201
US-09-402-776-29/c
; Sequence 29, Application US/09402776
; Patent No. 6458562
; GENERAL INFORMATION:
; APPLICANT: Emerson, Suzanne U., Purcell, Robert H.,
; APPLICANT: Tsarev, Sergei. A., and Robinson, Robin A.
; TITLE OF INVENTION: Recombinant Proteins Of
; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their
; TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines
; NUMBER OF SEQUENCES: 111
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,776
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/840,316
; FILING DATE: 11-APR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Richard W. Bokx
; REGISTRATION NUMBER: 36,459
; REFERENCE/DOCKET NUMBER: 2026-4255
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-402-776-29

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 814 CACACGGAGAGTCCCTCACC 834
||||| ||||| ||||| |||||
Db 21 CACACTGAGAGTGGCTCATC 1

RESULT 202
US-09-422-978-7806/c
; Sequence 7806, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta

; OTHER INFORMATION: upstream amplification primer 99-4126 for SEQ 3872,
US-09-422-978-7806

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 429 CAACATCCCCCAGCAGAT 449
||||| ||||| ||||| |||||
Db 21 CAACACCCCAACTCAAGAT 1

RESULT 203
US-09-422-978-10136
; Sequence 10136, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10136
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-10104 for SEQ 2271, in comple
US-09-422-978-10136

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1060 ATCCCAACAAAGACATACTCC 1080
||||| ||||| ||||| |||||
Db 1 ATCCCTACAGAGATAATCC 21

RESULT 204
US-09-589-460-4/c
; Sequence 4, Application US/09589460
; Patent No. 6645740
```

```
; GENERAL INFORMATION:
; APPLICANT: Bublot, et al.
; FILE REFERENCE: 454313-2334.1
; CURRENT APPLICATION NUMBER: US/09/589,460
; CURRENT FILING DATE: 2000-06-07
; PRIOR APPLICATION NUMBER: 60/138,843
; PRIOR FILING DATE: 1999-06-10
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
US-09-589-460-4

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. NO. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      618 CATTAAAGCTGCACAACTGGG 638
      |||||
Db      21 CCTGAAGCTGTACAAACAGG 1

RESULT 205
US-08-470-246-29/c
; Sequence 29, Application US/08470246
; Patent No. 6696242
; GENERAL INFORMATION:
; APPLICANT: Tsarev, Sergei. A., Emerson,
; APPLICANT: Suzanne U., Furcell, Robert H.
; TITLE OF INVENTION: Recombinant Proteins Of
; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their
; TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFCT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,246
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US08/316,765
; FILING DATE: 03-OCT-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US07/947,263
; FILING DATE: 18-SEP-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Richard W. Bork
; REGISTRATION NUMBER: 36,459
; REFERENCE/DOCKET NUMBER: 2026-4012US3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid

; GENERAL INFORMATION:
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-470-246-29

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. NO. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      814 CACACGGAGAGTCCTCACC 834
      |||||
Db      21 CACACTGAGAGTGCCTCATC 1

RESULT 206
US-08-482-934A-25
; Sequence 25, Application US/08482934A
; Patent No. 6703542
; GENERAL INFORMATION:
; APPLICANT: Robinson, Simon P.
; APPLICANT: Dry, Ian B.
; TITLE OF INVENTION: Polyphenol Oxidase Genes
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,934A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,045
; FILING DATE: 14-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/AU92/00356
; FILING DATE: 16-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU PK7248
; FILING DATE: 17-JUL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: John P. White
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 51461-Z/JPM/GJG
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-391-0526
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-482-934A-25

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. NO. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      998 TGCTCATCAACGAGAGGGAG 1018
      |||||
Db      1 TGCTCATCACTGGAGTTGAG 21

RESULT 207
```

```
US-08-316-765-29/c
; Sequence 29, Application US/08316765
; Patent No. 6706873
; GENERAL INFORMATION:
; APPLICANT: Tsarev, Sergei. A., Emerson,
; APPLICANT: Suzanne U., Purcell, Robert H.
; TITLE OF INVENTION: Recombinant Proteins Of
; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their
; TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA: 08/316,765
; APPLICATION NUMBER: US/08/316,765
; FILING DATE: 03-OCT-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US07/947,263
; FILING DATE: 18-SEP-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Richard W. Bork
; REGISTRATION NUMBER: 36,459
; REFERENCE/DOCKET NUMBER: 2026-4032US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-316-765-29

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 814 CACACGAGAGTCCCTCACC 834
DB 21 CACACTGAGAGTGGTCTATC 1

RESULT 208
US-08-983-605-282/c
; Sequence 282, Application US/08983605A
; Patent No. 6720137
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; TITLE OF INVENTION: Triticum Aestivum and Tribe Triticaceae and the Use of
; TITLE OF INVENTION: Said Markers
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 282
; LENGTH: 21
; TYPE: DNA

US-08-983-605-282
; ORGANISM: Triticum aestivum
US-08-983-605-282

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1707 GCCTACCTGCGCTGAGCCATGT 1727
DB 21 GGCTACCTGCGATGAACATGT 1

RESULT 209
US-09-657-472-1825/c
; Sequence 1825, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1825
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1825

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1683 CTACATCTTCCCTGCTTACTC 1703
DB 21 CCACATCTTCTCATGATTACTC 1

RESULT 210
US-09-724-475-29/c
; Sequence 29, Application US/09724475
; Patent No. 6787145
; GENERAL INFORMATION:
; APPLICANT: Tsarev, Sergei. A., Emerson,
; APPLICANT: Suzanne U., Purcell, Robert H.
; TITLE OF INVENTION: Recombinant Proteins Of
; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their
; TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
```

```
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/724,475
; FILING DATE: 28-NOV. 6787145-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/809,523
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US08/316,765
; FILING DATE: 03-OCT-1994
; APPLICATION NUMBER: 07/947,263
; FILING DATE: 18-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Richard W. Bork
; REGISTRATION NUMBER: 36,459
; REFERENCE/DOCKET NUMBER: 2026-4032US4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 751-6840
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-724-475-29
```

```
Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 814 CACACGGAGAAGTCCCTCACC 834
Db 21 CACACTGAGAAGTGCATC 1
```

```
RESULT 211
US-10-006-611-7/c
; Sequence 7, Application US/10006611
; Patent No. 6791006
; GENERAL INFORMATION:
; APPLICANT: Nezu, Jun-ichi
; APPLICANT: Ose, Asuka
; APPLICANT: Jishage, Kou-ichi
; APPLICANT: Jenne, Dieter E.
; TITLE OF INVENTION: LKBI GENE KNOCKOUT ANIMALS
; FILE REFERENCE: 06501-094001
; CURRENT APPLICATION NUMBER: US/10/006,611
; PRIOR FILING DATE: 2002-04-16
; PRIOR APPLICATION NUMBER: PCT/JP00/03504
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: JP 11/153030
; PRIOR FILING DATE: 1999-05-31
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificially Synthesized Primer Sequence
US-10-006-611-7
```

```
Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 814 CACACGGAGAAGTCCCTCACC 834
Db 21 CACACGCAGTACTCCATCACC 1
```

```
RESULT 212
PCT-US93-08849A-29/c
```

```
; Sequence 29, Application PC/TUS9308849A
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Recombinant Proteins Of
; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their
; TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/08849A
; FILING DATE: 17-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US07/947,263
; FILING DATE: 18-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: William S. Feiler
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4032 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 751-6840
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US93-08849A-29

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 814 CACACGGAGAAGTCCCTCACC 834
Db 21 CACACTGAGAAGTGCATC 1

RESULT 213
PCT-US93-08849-29/c
; Sequence 29, Application PC/TUS9308849
; GENERAL INFORMATION:
; APPLICANT: Tsarev, Sergei A., Emerson,
; APPLICANT: Suzanne U., Purcell, Robert H.
; TITLE OF INVENTION: Recombinant Proteins Of
; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their
; TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/08849
```



```
;
; FILING DATE: 17-SEP-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/947,263
; FILING DATE: 18-SEP-1992
; NAME:
; ATTORNEY/AGENT INFORMATION:
; NAME: Bork, Richard, W.
; REGISTRATION NUMBER: 36,459
; REFERENCE/DOCKET NUMBER: 2026-4032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US93-08849-29

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 814 CACACGAGAGAACTCCCTCACC 834
Db 21 CACACTGAGAACTGCGTCATC 1

RESULT 214
US-08-881-450A-9/c
; Sequence 9, Application US/08881450A
; Patent No. 6274310
; GENERAL INFORMATION:
; APPLICANT: Habener, J.F. and Stoffers, D.A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
; TITLE OF INVENTION: PANCREATIC DISEASE
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Inc.
; STREET: One Financial Center
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/881,450A
; FILING DATE: June 24, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathleen M. Williams
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 11275/7823
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; FEATURE:

;
; FILING DATE: 17-SEP-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/947,263
; FILING DATE: 18-SEP-1992
; NAME:
; ATTORNEY/AGENT INFORMATION:
; NAME: Bork, Richard, W.
; REGISTRATION NUMBER: 36,459
; REFERENCE/DOCKET NUMBER: 2026-4032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US93-08849-29

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 814 CACACGAGAGAACTCCCTCACC 834
Db 21 CACACTGAGAACTGCGTCATC 1

RESULT 214
US-08-881-450A-9/c
; Sequence 9, Application US/08881450A
; Patent No. 6274310
; GENERAL INFORMATION:
; APPLICANT: Habener, J.F. and Stoffers, D.A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
; TITLE OF INVENTION: PANCREATIC DISEASE
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Inc.
; STREET: One Financial Center
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/881,450A
; FILING DATE: June 24, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathleen M. Williams
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 11275/7823
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; FEATURE:

;
; FILING DATE: 17-SEP-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/947,263
; FILING DATE: 18-SEP-1992
; NAME:
; ATTORNEY/AGENT INFORMATION:
; NAME: Bork, Richard, W.
; REGISTRATION NUMBER: 36,459
; REFERENCE/DOCKET NUMBER: 2026-4032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US93-08849-29

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 977 GAGACCTCAAGCCCGAGACC 997
Db 22 GAGCCACCAAGCCCGAGAATC 2

RESULT 215
US-09-792-024-368/c
; Sequence 368, Application US/09792024
; Patent No. 6783985
; GENERAL INFORMATION:
; APPLICANT: Roemer, Terry
; APPLICANT: Jiang, Bo
; APPLICANT: Boone, Charles
; APPLICANT: Bussey, Howard
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug
; TITLE OF INVENTION: Targets Discovery
; FILE REFERENCE: 10182-004-999
; CURRENT APPLICATION NUMBER: US/09/792,024
; CURRENT FILING DATE: 2001-02-20
; NUMBER OF SEQ ID NOS: 490
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 368
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA primer
US-09-792-024-368

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACGG 150
Db 22 CGAATCAAGATGATCAACAG 2

RESULT 216
US-08-055-917-5/c
; Sequence 5, Application US/08055917
; Patent No. 5310875
; GENERAL INFORMATION:
; APPLICANT: Chang, Tse Wen; Chang, Nancy T.
; TITLE OF INVENTION: Peptides corresponding to membrane-bound Iga
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tanox Biosystems, Inc.
; STREET: 10301 Stella Link Rd.
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: DOS 3.30
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/055,917
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/788,120
; FILING DATE: 11/4/1991
; APPLICATION NUMBER: 07/455,080
```


ZIP: 77025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch
COMPUTER: IBM PS/2
OPERATING SYSTEM: DOS 3.30
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/619,790C
FILING DATE: 03/20/1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/249,558
FILING DATE: 05/26/1994
ATTORNEY/AGENT INFORMATION:
NAME: Mirabel, Eric P.
REGISTRATION NUMBER: 31,211
REFERENCE/DOCKET NUMBER: TNX89-04FGG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (713) 664-2288
TELEFAX: (713) 664-8914
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: Double
TOPOLOGY: Linear
US-08-619-790C-5

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e-02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1273 GAGACGTGGCCAGGCA 1288
|||||
Db 17 GAGACTTGGCCAGGCA 2

RESULT 220
US-08-758-306-427
Sequence 427, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 427:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-427

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 2.2e+02;
Matches 9; Conservative 6; Mismatches 1; Indels 0; Gaps 0;
QY 1456 TCTTCCTCAGTCTGG 1471
::: ||::||::||
Db 1 UUCUCCUCCAGUCUGG 16

RESULT 221
US-07-785-565A-5/c
Sequence 5, Application US/07785565A
Patent No. 5866129
GENERAL INFORMATION:
APPLICANT: Chang, Tse Wen; Chang, Nancy T.
TITLE OF INVENTION: Treating Disease with a Peptide Corresponding to Membrane-Bound
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Tanox Biosystems, Inc.
STREET: 10301 Stella Link Rd.
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77025

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch
COMPUTER: IBM PS/2
OPERATING SYSTEM: DOS 3.30
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/785,565A
FILING DATE: 19911104
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/455,080
FILING DATE: 12/22/1989
ATTORNEY/AGENT INFORMATION:
NAME: Mirabel, Eric P.
REGISTRATION NUMBER: 31,211
REFERENCE/DOCKET NUMBER: TNX89-04DDD
TELECOMMUNICATION INFORMATION:
TELEPHONE: (713) 664-2288
TELEFAX: (713) 664-8914
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 nucleotides
TYPE: NUCLEIC ACID
STRANDEDNESS: Double stranded
TOPOLOGY: Linear
US-07-785-565A-5

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1273 GAGACGTGGCCAGGCA 1288
|||||
Db 17 GAGACTTGGCCAGGCA 2

RESULT 222
US-09-436-605-8/c
; Sequence 8, Application US/09436605
; Patent No. 6140115
; GENERAL INFORMATION:
; APPLICANT: Kolodny, Edwin, H.
; APPLICANT: Wang, Zhao-Hui
; APPLICANT: Raghavan, Srinivasa,
; APPLICANT: Seng, Baijin
; TITLE OF INVENTION: The Canine (-Galactosidase Gene and Gml-Gangliosidosis
; FILE REFERENCE: D6273
; CURRENT APPLICATION NUMBER: US/09/436,605
; CURRENT FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 25
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 2 Forward: Synthetic oligonucleotide used with SEQ ID
; OTHER INFORMATION: No. 6140115 9 (2 Reverse) for PCR amplification of nucleotides
; OTHER INFORMATION: 368-802 of canine acid (-galactosidase cDNA (SEQ ID No. 6140115 1
; OTHER INFORMATION: Also used as a primer for DNA sequencing.
US-09-436-605-8

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 41 CAGGAGGACGACGAGT 56
DB 17 CAGGATGACGACGAGT 2

RESULT 223
US-09-474-432B-505
; Sequence 505, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 505
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-505

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 49 CCAGCAGTGTGACTGC 64

DB 1 CCAGCUGUGACUGC 16

RESULT 224
US-09-371-772B-6740
; Sequence 6740, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00.876-J (237/199)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6740
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6740

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 2.2e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1034 ACTTTGGCCTGGCCCG 1049
DB 1 ACUUUGGCUUGGCCCG 16

RESULT 225
US-09-476-387-504
; Sequence 504, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 504
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-504

```
Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.2e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 49 CCAGCAGTGTGACTGC 64
      ||||| |:|:|:|:|
Db 1 CCAGCUGUGACUGC 16

RESULT 226
US-09-827-998-543
; Sequence 543, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 543
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-543

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 287 AACTTCGTTCTGCACG 302
      ||||| ||||| |||||
Db 2 AACTTCGTTCTGCAAG 17

RESULT 227
US-09-827-998-545
; Sequence 545, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 545
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-545

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 288 ACTTCGTTCTGCACGG 303
      ||||| ||||| |||||
```

```
Db 1 ACTTCGTTCTGCAAGG 16

RESULT 228
US-09-205-144-19/c
; Sequence 19, Application US/09205144
; Patent No. 5958771
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2 EXPRESSION
; FILE REFERENCE: RTS-0021
; CURRENT APPLICATION NUMBER: US/09/205,144
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-144-19

Query Match          0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 2.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 513 CCTCGAGAGCTGACC 528
      ||||| ||||| |||||
Db 16 CCTCGAGAGGTTGACC 1

RESULT 229
US-09-723-534-16
; Sequence 16, Application US/09723534
; Patent No. 6294382
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-1 EXPRESSION
; FILE REFERENCE: RTS-0225
; CURRENT APPLICATION NUMBER: US/09/723,534
; CURRENT FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 16
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-723-534-16

Query Match          0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 2.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 152 AGCTGTCAATGACACT 167
      ||||| ||||| |||||
Db 1 AGCTGTCAATGTCACT 16

RESULT 230
US-09-422-978-5066/c
; Sequence 5066, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPL
; CURRENT APPLICATION NUMBER: US/09/422,978
```

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; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5066
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-20616 for SEQ 1132,
US-09-422-978-5066

Query Match      0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 2.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      871 TACCTGGATGACTGTG 886
DB      17 TACCTGGATGACTGTG 2

RESULT 231
US-08-640-672-6/c
; Sequence 6, Application US/08640672
; Patent No. 5789168
; GENERAL INFORMATION:
; APPLICANT: Leushner, James
; APPLICANT: Hui, May
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: METHOD FOR AMPLIFICATION AND SEQUENCING
; TITLE OF INVENTION: OF NUCLEIC ACID POLYMERS
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street Suite 309
; CITY: Yorktown
; STATE: NY
; COUNTRY: US
; ZIP: 10598
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/640,672
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/640,672
; FILING DATE: 1 May 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-020-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; OTHER INFORMATION: amplification primer for DR2 alleles of
; OTHER INFORMATION: HLA Class II genes
```

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; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; OTHER INFORMATION: amplification primer for DR2 alleles of
; OTHER INFORMATION: HLA Class II genes
US-08-640-672-6

Query Match      0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1590 CCGCGTGGTGACACC 1605
DB      17 CCGCGTGGTGACACC 2

RESULT 232
US-08-684-498A-6/c
; Sequence 6, Application US/08684498A
; Patent No. 5830657
; GENERAL INFORMATION:
; APPLICANT: Leushner, James
; APPLICANT: Hui, May
; APPLICANT: Dunn, James M.
; APPLICANT: Larson, Marina T.
; TITLE OF INVENTION: METHOD FOR SINGLE-TUBE SEQUENCING OF
; TITLE OF INVENTION: NUCLEIC ACID POLYMERS
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street Suite 309
; CITY: Yorktown
; STATE: NY
; COUNTRY: US
; ZIP: 10598
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/684,498A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/640,672
; FILING DATE: 1 May 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-031-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; OTHER INFORMATION: amplification primer for DR2 alleles of
; OTHER INFORMATION: HLA Class II genes
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US-08-684-498A-6

Query Match 0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1590 CCGCGTGTGGACACC 1605

Db 17 CCGCGCGTGGACACC 2

RESULT 233

US-08-577-858A-6/c
; Sequence 6, Application US/08577858A
; Patent No. 5834189

; GENERAL INFORMATION:

; APPLICANT: Stevens, John K.

; APPLICANT: Dunn, James M.

; APPLICANT: Leushner, James

; APPLICANT: Green, Ronald

; TITLE OF INVENTION: Method for Evaluation of Polymorphic

; TITLE OF INVENTION: Genetics Sequences, and Use Thereof in Identification of HLA

; TITLE OF INVENTION: Types

; NUMBER OF SEQUENCES: 33

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Oppedahl & Larson

; STREET: 1992 Commerce Street Suite 309

; CITY: Yorktown

; STATE: NY

; COUNTRY: US

; ZIP: 10598

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage

; COMPUTER: IBM compatible

; OPERATING SYSTEM: MS DOS

; SOFTWARE: Word Perfect

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/577,858A

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Larson, Marina T.

; REGISTRATION NUMBER: 32,038

; REFERENCE/DOCKET NUMBER: VGEN.P-019-US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (914) 245-3252

; TELEFAX: (914) 962-4330

; TELEX:

; INFORMATION FOR SEQ ID NO: 6:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 19

; TYPE: nucleic acid

; STRANDEDNESS: double

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid

; HYPOTHETICAL: no

; ANTI-SENSE: no

; FRAGMENT TYPE: internal

; ORIGINAL SOURCE:

; ORGANISM: human

; FEATURE:

; OTHER INFORMATION: amplification primer for DR2 alleles of

; OTHER INFORMATION: HLA Class II genes

US-08-577-858A-6

Query Match 0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1590 CCGCGTGTGGACACC 1605

Db 17 CCGCGCGTGGACACC 2

RESULT 234

US-08-846-020A-36

; Sequence 36, Application US/08846020A

; Patent No. 6090547

; GENERAL INFORMATION:

; APPLICANT: Drzen M.D., Jeffrey M.

; APPLICANT: In M.D., Kwang-Ho

; APPLICANT: Asano M.D., Koichiro

; APPLICANT: Beier, David

; APPLICANT: Grobholz, James

; TITLE OF INVENTION: 5-Lipoxygenase Gene Sequence

; TITLE OF INVENTION: Polymorphisms and Their Use in Classifying Patients

; NUMBER OF SEQUENCES: 43

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: CHOATE, HALL & STEWART

; STREET: 53 State Street

; CITY: Boston

; STATE: MA

; COUNTRY: USA

; ZIP: 02109-2891

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/846,020A

; FILING DATE:

; CLASSIFICATION: 424

; ATTORNEY/AGENT INFORMATION:

; NAME: Jarrell Ph.D., Brenda H.

; REGISTRATION NUMBER: 39,223

; REFERENCE/DOCKET NUMBER: 0092662-0012

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 248-5000

; TELEFAX: (617) 248 4000

; INFORMATION FOR SEQ ID NO: 36:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 19 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid

; DESCRIPTION: /desc = "primer"

; IMMEDIATE SOURCE:

; CLONE: Exon 11 sense primer

US-08-846-020A-36

Query Match 0.8%; Score 14.4; DB 1; Length 19;

Best Local Similarity 93.8%; Pred. No. 2.7e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1716 CCTGAGCCATGTTTCAC 1731

Db 3 CCTGAGCCAGGTTTCAC 18

RESULT 235

US-09-177-953-9

; Sequence 9, Application US/09177953

; Patent No. 6274725

; GENERAL INFORMATION:

; APPLICANT: Sanghvi, Yogesh

; APPLICANT: Ravikumar, Vasulinga T.

; APPLICANT: Manoharan, Muthiah

; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis

; FILE REFERENCE: ISI93148

; CURRENT APPLICATION NUMBER: US/09/177,953

; CURRENT FILING DATE: 1998-10-23

```
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6274725el Sequence
US-09-177-953-9

Query Match      0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGG 245
Db 3 GTGGTGGTGGTGGTGG 18

RESULT 236
US-09-617-871-36
; Sequence 36, Application US/09617871
; Patent No. 6355434
; GENERAL INFORMATION:
; APPLICANT: Drzen M.D., Jeffrey M.
; APPLICANT: In M.D., Kwang-Ho
; APPLICANT: Asano M.D., Koichiro
; APPLICANT: Beier, David
; APPLICANT: Grobholz, James
; TITLE OF INVENTION: 5-Lipoxygenase Gene Sequence
; TITLE OF INVENTION: Polymorphisms and Their Use in Classifying Patients
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/617,871
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/846,020
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jarrell Ph.D., Brenda H.
; REGISTRATION NUMBER: 39,223
; REFERENCE/DOCKET NUMBER: 0092662-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248 4000
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; IMMEDIATE SOURCE:
; CLONE: Exon 11 sense primer
US-09-617-871-36

Query Match      0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGG 245
Db 3 GTGGTGGTGGTGGTGG 18

RESULT 237
US-10-318-628-9
; Sequence 9, Application US/10318628
; Patent No. 6642373
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Sanghvi, Yogesh
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS4855
; CURRENT APPLICATION NUMBER: US/10/318,628
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: 09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-318-628-9

Query Match      0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGG 245
Db 3 GTGGTGGTGGTGGTGG 18

RESULT 238
US-09-696-791-344
; Sequence 344, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 344
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-344

Query Match      0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 996 CCGTCTCATCAACGAG 1011
Db 1 CCGTCTCATCAATGAG 16
```

```
Best Local Similarity 93.8%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1716 CCTGAGCCCATGTTTAC 1731
Db 3 CCTGAGCCCATGTTTAC 18

RESULT 239
US-10-318-628-9
; Sequence 9, Application US/10318628
; Patent No. 6642373
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Sanghvi, Yogesh
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS4855
; CURRENT APPLICATION NUMBER: US/10/318,628
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: 09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-318-628-9

Query Match      0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGG 245
Db 3 GTGGTGGTGGTGGTGG 18

RESULT 238
US-09-696-791-344
; Sequence 344, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 344
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-344

Query Match      0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 996 CCGTCTCATCAACGAG 1011
Db 1 CCGTCTCATCAATGAG 16
```



```
RESULT 239
US-07-940-242A-40/c
; Sequence 40, Application US/07940242A
; Patent No. 5427909
; GENERAL INFORMATION:
; APPLICANT: OKAMOTO, Hiroaki
; APPLICANT: NAKAMURA, Tetsuo
; TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION
; TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Beveridge, DeGrandi, Weilacher & Young
; STREET: 1850 M Street, N.W. (Suite 800)
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/940.242A
; FILING DATE: 08-SEP-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 307296/91
; FILING DATE: 09-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 093960/92
; FILING DATE: 28-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Weilacher, Robert G.
; REGISTRATION NUMBER: 20,531
; REFERENCE/DOCKET NUMBER: 06/87-48095
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 659-2811
; TELEFAX: (202) 659-1462
; TELEX: WUI 64470
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-940-242A-40
Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1284 AGGCATCTCTGTCAC 1299
Db 19 AGGCATCTCTGCCAAC 4

RESULT 240
US-07-932-379A-6/c
; Sequence 6, Application US/07932379A
; Patent No. 5468852
; GENERAL INFORMATION:
; APPLICANT: Ohashi, Tetsuo
; APPLICANT: Toda, Jum
; APPLICANT: Fukushima, Shigeru
; APPLICANT: Ozaki, Hiroko
; APPLICANT: Nishimura, Nasyuki
; APPLICANT: Shirasaki, Yoshinari
; APPLICANT: Yamagata, Koichi
; TITLE OF INVENTION: Oligonucleotides for Detecting
; TITLE OF INVENTION: Bacteria and Detection Method
; TITLE OF INVENTION: Using Same
```

```
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch
; STREET: 301 N. Washington St.
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22046-3487
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/932.379A
; FILING DATE: 19920819
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Stewart, Raymond C.
; REGISTRATION NUMBER: 21,066
; REFERENCE/DOCKET NUMBER: 1327-106P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-241-1300
; TELEFAX: 703-241-2848
; TELEX: 248345
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Vibrio parahaemolyticus
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..20
; OTHER INFORMATION: /label= oligonucleotide
; OTHER INFORMATION: /note= "Identification method S"
US-07-932-379A-6
Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 224 ATGAGAGTGGTGGTGG 239
Db 16 ATGAGAGTGGTAGTGG 1

RESULT 241
US-08-379-295-6/c
; Sequence 6, Application US/08379295
; Patent No. 5516898
; GENERAL INFORMATION:
; APPLICANT: Ohashi, Tetsuo
; APPLICANT: Toda, Jum
; APPLICANT: Fukushima, Shigeru
; APPLICANT: Ozaki, Hiroko
; APPLICANT: Nishimura, Nasyuki
; APPLICANT: Shirasaki, Yoshinari
; APPLICANT: Yamagata, Koichi
; TITLE OF INVENTION: Oligonucleotides for Detecting
; TITLE OF INVENTION: Bacteria and Detection Method
; TITLE OF INVENTION: Using Same
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch
; STREET: 301 N. Washington St.
; CITY: Falls Church
; STATE: Virginia
```

```
;
; COUNTRY: USA
; ZIP: 22046-3487
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,295
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/932,379A
; FILING DATE: 19-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Stewart, Raymond C.
; REGISTRATION NUMBER: 21,066
; REFERENCE/DOCKET NUMBER: 1327-106P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-241-1300
; TELEFAX: 703-241-2848
; TELEX: 248345
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Vibrio parahaemolyticus
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..20
; OTHER INFORMATION: /label= oligonucleotide
; OTHER INFORMATION: /note= "Identification method S"
;
US-08-379-295-6

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 224 ATGAGAGTGGTGGTGG 239
Db 16 ATGAGAGTGGTAGTGG 1

RESULT 242
US-08-379-296-6/c
; Sequence 6, Application US/08379296
; Patent No. 5525718
; GENERAL INFORMATION:
; APPLICANT: Ohashi, Tetsuo
; APPLICANT: Toda, Jum
; APPLICANT: Fukushima, Shigeru
; APPLICANT: Ozaki, Hiroko
; APPLICANT: Nishimura, Nasyuki
; APPLICANT: Shirasaki, Yoshinari
; APPLICANT: Yamagata, Koichi
; TITLE OF INVENTION: Oligonucleotides for Detecting Bacteria
; TITLE OF INVENTION: and Detection Method Using Same
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```

```
;
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,296
; FILING DATE: 27-JAN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/932,379
; FILING DATE: 19-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Weiner, Marc S.
; REGISTRATION NUMBER: 32,181
; REFERENCE/DOCKET NUMBER: 2036-102P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Vibrio parahaemolyticus
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..20
; OTHER INFORMATION: /label= oligonucleotide
; OTHER INFORMATION: /note= "Identification method S"
;
US-08-379-296-6

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 224 ATGAGAGTGGTGGTGG 239
Db 16 ATGAGAGTGGTAGTGG 1

RESULT 243
US-08-665-259-70/c
; Sequence 70, Application US/08665259
; Patent No. 6028173
; GENERAL INFORMATION:
; APPLICANT: Landes, Gregory M.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Dackowski, William R.
; APPLICANT: Van Raay, Terence J.
; APPLICANT: Klinger, Katherine W.
; TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
; TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: One Mountain Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: United States of America
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/665,259
; FILING DATE: 17-JUN-1996
```

```
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: IG5-9.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 872-8400
; TELEFAX: (508) 872-5415
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide primer"
US-08-665-259-70

Query Match      0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1657 CACACCCTCTCAGGG 1672
Db      20 CACACTCTCTCAGGG 5

RESULT 244
US-08-762-500-70/c
; Sequence 70, Application US/08762500
; Patent No. 6030806
; GENERAL INFORMATION:
; APPLICANT: Landes, Gregory M.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Dackowski, William R.
; APPLICANT: Van Raay, Terence J.
; APPLICANT: Klinger, Katherine W.
; TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES.
; TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME
; NUMBER OF SEQUENCES: 83
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: One Mountain Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: United States of America
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/762,500
; FILING DATE: 09-DEC-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/665,259
; FILING DATE: 17-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/10469
; FILING DATE: 17-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: IG5-9.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 872-8400
; TELEFAX: (508) 872-5415
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide primer"
US-08-762-500-70

Query Match      0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1657 CACACCCTCTCAGGG 1672
Db      20 CACACTCTCTCAGGG 5

RESULT 245
US-09-444-053-77
; Sequence 77, Application US/09444053A
; Patent No. 6165728
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
; FILE REFERENCE: RTS-0122
; CURRENT APPLICATION NUMBER: US/09/444,053A
; CURRENT FILING DATE: 1999-11-19
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-444-053-77

Query Match      0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      815 ACACGGAGAGTCCCT 830
Db      4 ACACGGAGAGTCCGT 19

RESULT 246
US-09-513-729B-14/c
; Sequence 14, Application US/09513729B
; Patent No. 6165791
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0112
; CURRENT APPLICATION NUMBER: US/09/513,729B
; CURRENT FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-513-729B-14

Query Match      0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      862 CTGAAGCAGTACTCTGG 877
Db      16 CTGGAGCAGTACTCTGG 1
```



```
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-595-344-4

Query Match
Best Local Similarity 0.8%; Score 14.4; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 308 CACTCAGCTCGCACC 323
      |||||
Db 2 CACTCAGCTCGCACC 17

RESULT 252
US-09-380-836-58/c
; Sequence 58, Application US/09380836
; Patent No. 6551775
; GENERAL INFORMATION:
; APPLICANT: Lifton, Richard P.
; APPLICANT: Chang, Sue S.
; APPLICANT: Rossier, Bernard C.
; TITLE OF INVENTION: Method to Diagnose and Treat Pathological Conditions
; TITLE OF INVENTION: Resulting from Deficient Ion Transport such as
; TITLE OF INVENTION: Pseudohypoaldosteronism Type-1
; FILE REFERENCE: 44574-5018-US
; CURRENT APPLICATION NUMBER: US/09/380,836
; CURRENT FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/040,171
; PRIOR FILING DATE: 1997-03-11
; PRIOR APPLICATION NUMBER: PCT/US98/04681
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 58
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: B-6 forward
; OTHER INFORMATION: PCR primer
US-09-380-836-58

Query Match
Best Local Similarity 0.8%; Score 14.4; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1158 GTGGGGTGTGGGCTGC 1173
      |||||
Db 17 GTGGGGTGTGGGCTGC 2

RESULT 253
US-08-437-027-7
; Sequence 7, Application US/08437027
; Patent No. 5670317
; GENERAL INFORMATION:
; APPLICANT: Landanyi, Marc
; APPLICANT: Gerald, William
; TITLE OF INVENTION: A DIAGNOSTIC TEST FOR TEST FOR THE DESMOPLASTIC
; TITLE OF INVENTION: SMALL ROUND CELL TUMOR
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
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```
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/437,027
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 46416/JPW/CCA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-391-0525
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-437-027-7

Query Match
Best Local Similarity 0.8%; Score 14.4; DB 1; Length 22;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1697 CTTACTCTCTCCCTAC 1712
      |||||
Db 7 CTTACTCTCTCCCTGC 22

RESULT 254
US-08-667-079B-20
; Sequence 20, Application US/08667079B
; Patent No. 5789171
; GENERAL INFORMATION:
; APPLICANT: Mark S. Smeltzer
; TITLE OF INVENTION: Use of cna, fnbA, fnbB, and hlb Gene Probes for the Strain-Sp
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Benjamin Aaron Adler, MCGREGOR & ADLER, P.C.
; STREET: 8011 Candle Lane
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh
; SOFTWARE: Microsoft Word for Macintosh
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/667,079B
; FILING DATE: June 20, 1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Adler, Benjamin Aaron
; REGISTRATION NUMBER: 35,423
; REFERENCE/DOCKET NUMBER: D5886
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713-777-2321
; TELEFAX: 713-777-6908
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE:
; DESCRIPTION: other nucleic acid
; HYPOTHETICAL: No
```

```
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; STRAIN:
; INDIVIDUAL ISOLATE:
; DEVELOPMENTAL STAGE:
; TISSUE TYPE:
; CELL TYPE:
; CELL LINE:
; US-08-667-079B-20

Query Match 0.8%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1306 TTCAGACATACAACT 1321
Db 5 TCCAGACATACAACT 20

RESULT 255
US-08-009-263C-28/c
; Sequence 28, Application US/08009263C
; Patent No. 5442049
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
; TITLE OF INVENTION: Oligonucleotides for Modulating the
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5442049ris
; STREET: One Liberty Place -- 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/009,263C
; FILING DATE: January 25, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 927,506
; FILING DATE: No. 5442049ember 19, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0844
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-009-263C-35

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATCAAGAAGATCAAC 148
Db 19 CGCAAGAAGAAGAGCAAC 1

RESULT 257
US-08-605-089-3
; Sequence 3, Application US/08605089
; Patent No. 5719026
; GENERAL INFORMATION:
; APPLICANT: Takafumi FUKUI
; APPLICANT: Kiyonori KATSURAGI
; APPLICANT: Moritoshi KINOSHITA
; APPLICANT: Sadahito SHIN
; TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF
; TITLE OF INVENTION: HUMAN CYTOCHROME P4501A2 GENE
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS
; STREET: 2100 Pennsylvania Avenue, N.W.
; US-08-009-263C-28

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 131 GGATGAAGAAGATCAACG 149
Db 19 GCAAGAAGAAGAGCAACG 1
```

```
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/605,089
; FILING DATE: 06-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JPA-6-154571
; FILING DATE: 06-JUL-1994
; APPLICATION NUMBER: PCT/JP95/01352
; FILING DATE: 06-JUL-1995
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 BASES
; TYPE: NUCLEOTIDE
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: DNA
; US-08-605-089-3

Query Match          0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 270 ACGTGTCTCTCTGGGAA 288
Db 1 ATGTGCTGACCCCTGGGAA 19

RESULT 258
US-08-332-766A-56
; Sequence 56, Application US/08332766A
; Patent No. 5843647
; GENERAL INFORMATION:
; APPLICANT: JEFFREYS, Alec J.
; TITLE OF INVENTION: SIMPLE TANDEM REPEATS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN DARBY & CUSHMAN, L.L.P.
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: D. C.
; COUNTRY: U.S.A.
; ZIP: 20005-3918
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/332,766A
; FILING DATE: 01-NOV-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9326052.9
; FILING DATE: 21-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: BIRD, Donald J.
; REGISTRATION NUMBER: 25,323
; REFERENCE/DOCKET NUMBER: 217211/M94/0434/GB
; TELEPHONE: (202) 861-3000
; TELEFAX: (202) 822-0944
; TELEX: 6714627 CUSH
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
```

```
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-332-766A-56

Query Match          0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1446 GAAACATCCATTCCTCTC 1464
Db 1 GATCCATCCATTCCTCTC 19

RESULT 259
US-08-838-715B-28/c
; Sequence 28, Application US/08838715B
; Patent No. 6153595
; GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kisner, Anderson
; TITLE OF INVENTION: Composition and Method for Treatment
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,715B
; FILING DATE: April 9, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/568,366
; FILING DATE: 8/16/90
; APPLICATION NUMBER: 07/927,506
; FILING DATE: 11/19/92
; APPLICATION NUMBER: 08/009,263
; FILING DATE: 1/25/93
; APPLICATION NUMBER: 08/233,711
; FILING DATE: 4/26/94
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0204
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-838-715B-28

Query Match          0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 131 GGATGAAGAGATCAACG 149
Db 1 | | | | | | | | | | | | | | | |
```


; APPLICANT: Chloemer, Robert H.
; APPLICANT: Wang, Xu-Shan
; APPLICANT: Yoder, Mervin C.
; APPLICANT: Zhou, Shang-Zhen
; APPLICANT: Escobedo, Jaime
; APPLICANT: Varivani, Dwariki
; TITLE OF INVENTION: An AAV Vector Having Two Modified D-Sequences (As Amended)
; FILE REFERENCE: 1242.003
; CURRENT APPLICATION NUMBER: US/08/921,497
; CURRENT FILING DATE: 1997-09-02
; PRIOR APPLICATION NUMBER: US 60/025,616
; PRIOR FILING DATE: 1996-09-06
; PRIOR APPLICATION NUMBER: US 60/025,649
; PRIOR FILING DATE: 1996-09-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The full sequence for lacZ from plasmid PCMV p-lacZ is found in
; OTHER INFORMATION: Ponnazhagan, et al., J. Gen Virol., 77:1111-1122 (1996)
; NAME/KEY: misc feature
; OTHER INFORMATION: primer for lacZ
US-08-921-497-1

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 223 GATGAGAGTGGTGGTGGT 241
Db 1 GATGAGCGTGGTGGTATG 19
|||||

RESULT 264
US-09-696-791-216
; Sequence 216, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 216
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-216

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 975 CCGAGACCTCAAGCCCGAG 993
Db 1 CCGAGACCTTAAACCTCAG 19
|||||

RESULT 265
US-09-696-791-217
; Sequence 217, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.

; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 217
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-217

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 976 CGAGACCTCAAGCCCGAGA 994
Db 1 CGAGACCTTAAACCTCAGA 19
|||||

RESULT 266
US-09-696-791-248
; Sequence 248, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 248
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-248

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1167 GGGCTGCATCTTCTATGAG 1185
Db 1 GGGCTGCATCTTCTGTCGAG 19
|||||

RESULT 267
US-09-696-791-249
; Sequence 249, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 249
; LENGTH: 19
; TYPE: DNA

```
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-249

Query Match      0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1169 GCTGCATCTTCTATGAGAT 1187
      |||||
Db 1 GCTGCATCTTGTGCTGAGAT 19

RESULT 268
US-09-696-791-250
; Sequence 250, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 250
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-250

Query Match      0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1170 CTGCATCTTCTATGAGATG 1188
      |||||
Db 1 CTGCATCTTGTCTGAGATG 19

RESULT 269
US-09-696-791-352
; Sequence 352, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 352
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-352

Query Match      0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1094 CACTGTGGTACCGGCCCC 1112
      |||||

; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk4 ribozyme binding site
US-09-696-791-481

Query Match      0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1158 GTGGGTGTGGGTGCATC 1176
      |||||
Db 1 GTGGAGTGTGGCTGATC 19

RESULT 271
US-09-696-791-584
; Sequence 584, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 584
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk6 ribozyme binding site
US-09-696-791-584

Query Match      0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1028 TGGCTGACTTGGCCTGGC 1046
      |||||
Db 1 TGGCTGACTTGGGCCTTGC 19

RESULT 272
US-09-696-791-675
; Sequence 675, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
```

```
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 675
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk7 ribozyme binding site
US-09-696-791-675

Query Match      0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 651 TGCCACCGTCTACAAAGGC 669
| | | | | | | | | | | | | | |
Db 1 TGCCACCGTTTACAAAGGCC 19

RESULT 273
US-09-696-791-676
; Sequence 676, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 676
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk7 ribozyme binding site
US-09-696-791-676

Query Match      0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 652 GCCACCGTCTACAAAGGCA 670
| | | | | | | | | | | | | | |
Db 1 GCCACCGTTTACAAAGGCCA 19

RESULT 274
US-10-141-021-12/c
; Sequence 12, Application US/10141021
; Patent No. Pp14777
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 4"
; FILE REFERENCE: 30034-93461
; CURRENT APPLICATION NUMBER: US/10/141,021
; CURRENT FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-021-12

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACAAACGTGAA 914
| | | | | | | | | | | | | | |
Db 19 TCAACAAGCACCAACGAGAA 1

RESULT 275
US-10-141-103-12/c
; Sequence 12, Application US/10141103
; Patent No. Pp14829
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 5"
; FILE REFERENCE: 30034-93462
; CURRENT APPLICATION NUMBER: US/10/141,103
; CURRENT FILING DATE: 2002-07-24
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-103-12

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACAAACGTGAA 914
| | | | | | | | | | | | | | |
Db 19 TCAACAAGCACCAACGAGAA 1

RESULT 276
US-10-141-063-12/c
; Sequence 12, Application US/10141063
; Patent No. Pp14839
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 10"
; FILE REFERENCE: 30034-93467
; CURRENT APPLICATION NUMBER: US/10/141,063
; CURRENT FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-063-12

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACAAACGTGAA 914
| | | | | | | | | | | | | | |
Db 19 TCAACAAGCACCAACGAGAA 1

RESULT 277
US-10-141-094-12/c
; Sequence 12, Application US/10141094
; Patent No. Pp14978
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 4"
; FILE REFERENCE: 30034-93461
; CURRENT APPLICATION NUMBER: US/10/141,021
; CURRENT FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-021-12
```

APPLICANT: BEINEKE, WALTER F.
TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 6"
FILE REFERENCE: 30034-93463
CURRENT APPLICATION NUMBER: US/10/141,094
CURRENT FILING DATE: 2002-07-24
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-094-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACACGCGAA 914
||||| ||||| ||||| ||||| |||||
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 278
US-10-141-060-12/c
Sequence 12, Application US/10141060
Patent No. PPI5079
GENERAL INFORMATION:
APPLICANT: BEINEKE, WALTER F.
TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 1"
FILE REFERENCE: 30034-92642
CURRENT APPLICATION NUMBER: US/10/141,060
CURRENT FILING DATE: 2002-07-24
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-060-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACACGCGAA 914
||||| ||||| ||||| ||||| |||||
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 279
US-10-141-093-12/c
Sequence 12, Application US/10141093
Patent No. PPI5081
GENERAL INFORMATION:
APPLICANT: BEINEKE, WALTER F.
TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 7"
FILE REFERENCE: 30034-93464
CURRENT APPLICATION NUMBER: US/10/141,093
CURRENT FILING DATE: 2002-07-24
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-093-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACACGCGAA 914
||||| ||||| ||||| ||||| |||||
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 280
US-08-065-845-2/c
Sequence 2, Application US/08065845
Patent No. 5426027
GENERAL INFORMATION:
APPLICANT: LOTT, TIMOTHY J.
APPLICANT: MORRISON, CHRISTINE J.
APPLICANT: REISS, ERROLL
APPLICANT: LASKER, BRENT
APPLICANT: ZAKROFF, SANDRA
TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR
DETECTING DNA FROM CANDIDA CELLS IN BLOOD
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG, P.C.
STREET: Suite 1200, 127 Peachtree Street
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/065,845
FILING DATE: 19930520
CLASSIFICATION: 436
ATTORNEY/AGENT INFORMATION:
NAME: SPRATT, GWENDOLYN D.
REGISTRATION NUMBER: 36,016
REFERENCE/DOCKET NUMBER: 1414.066
TELECOMMUNICATION INFORMATION:
TELEPHONE: 404/688-0770
TELEFAX: 404/688-9880
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-065-845-2

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTGCGTCTTCGTCGATGC 1567
||||| ||||| ||||| ||||| |||||
Db 19 CTGCGTCTTCGTCGATGC 1

RESULT 281
US-08-065-845-4
Sequence 4, Application US/08065845
Patent No. 5426027
GENERAL INFORMATION:
APPLICANT: LOTT, TIMOTHY J.
APPLICANT: MORRISON, CHRISTINE J.
APPLICANT: REISS, ERROLL
APPLICANT: LASKER, BRENT
APPLICANT: ZAKROFF, SANDRA

;
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR
; TITLE OF INVENTION: DETECTING DNA FROM CANDIDA CELLS IN BLOOD
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/065,845
; FILING DATE: 19930520
; CLASSIFICATION: 436
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 1414.066
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-065-845-4

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTCGCTCTTCGTCGATCC 1567
||| ||||| |||||
Db 2 CTGCGTCTTCATCGATGC 20

RESULT 282
US-08-009-263C-30/c
; Sequence 30, Application US/08009263C
; Patent No. 5442049
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
; TITLE OF INVENTION: Oligonucleotides for Modulating the
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5442049ris
; STREET: One Liberty Place -- 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/009,263C
; FILING DATE: January 25, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 927,506
; FILING DATE: No. 5442049ember 19, 1992

;
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0844
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-009-263C-30

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 131 GGATGAAGAAGATCAAAACG 149
||| ||||| |||||
Db 20 GCAAGAAGAAGAGCAAAACG 2

RESULT 283
US-08-222-177A-339/c
; Sequence 339, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865,601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 339:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd106p2
; US-08-222-177A-339

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 708 GATCAGACTGGAACATGAA 726

Db 20 GCTCTGACTGCAACATGAA 2

RESULT 284

US-08-233-608-39

; Sequence 39, Application US/08233608

; Patent No. 5585238

; GENERAL INFORMATION:

; APPLICANT: Ligon, James M

; APPLICANT: Beck, James J

; TITLE OF INVENTION: Detection of Fungal Pathogens Using the

; TITLE OF INVENTION: Polymerase Chain Reaction

; NUMBER OF SEQUENCES: 49

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Ciba-Geigy Corporation

; STREET: 7 Skyline Drive

; CITY: Hawthorne

; STATE: NY

; COUNTRY: USA

; ZIP: 10532

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/233,608

; FILING DATE:

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Spruill, W. Murray

; REGISTRATION NUMBER: 32,943

; REFERENCE/DOCKET NUMBER: CGC 1739

; TELEPHONE: 919-541-8615

; TELEFAX: 919-541-8689

; INFORMATION FOR SEQ ID NO: 39:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: Other nucleic acid

; DESCRIPTION: Oligonucleotide primer ITS2

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

; US-08-233-608-39

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGCGTCTTCGTCGATGC 1567

Db 2 CTGCGTCTTCATCGATGC 20

RESULT 285

US-08-233-608-40/c

; Sequence 40, Application US/08233608

; Patent No. 5585238

; GENERAL INFORMATION:

; APPLICANT: Ligon, James M

; APPLICANT: Beck, James J

; TITLE OF INVENTION: Detection of Fungal Pathogens Using the

; TITLE OF INVENTION: Polymerase Chain Reaction

; NUMBER OF SEQUENCES: 49

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Ciba-Geigy Corporation

; STREET: 7 Skyline Drive

; CITY: Hawthorne

; STATE: NY

; COUNTRY: USA

; ZIP: 10532

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/233,608

; FILING DATE:

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Spruill, W. Murray

; REGISTRATION NUMBER: 32,943

; REFERENCE/DOCKET NUMBER: CGC 1739

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 919-541-8615

; TELEFAX: 919-541-8689

; INFORMATION FOR SEQ ID NO: 40:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: Other nucleic acid

; DESCRIPTION: Oligonucleotide primer ITS3

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

; US-08-233-608-40

Query Match

0.8%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 3.3e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGCGTCTTCGTCGATGC 1567

Db 19 CTGCGTCTTCATCGATGC 1

RESULT 286

US-08-429-523-2/c

; Sequence 2, Application US/08429523

; Patent No. 5631132

; GENERAL INFORMATION:

; APPLICANT: LOTT, TIMOTHY J.

; APPLICANT: MORRISON, CHRISTINE J.

; APPLICANT: REISS, ERROLL

; APPLICANT: LASKER, BRENT

; APPLICANT: ZAKROFF, SANDRA

; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR

; TITLE OF INVENTION: DETECTING DNA FROM CANDIDA CELLS IN BLOOD

; NUMBER OF SEQUENCES: 10

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: NEEDLE & ROSENBERG, P.C.

; STREET: Suite 1200, 127 Peachtree Street

; CITY: Atlanta

; STATE: Georgia

; COUNTRY: USA

; ZIP: 30303

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/429,523

; FILING DATE: 26-APR-1995

```
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: US 08/065,845
; FILING DATE: 20-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 1414.066
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-429-523-2
Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTCGGTCTTCGTCGATGC 1567
Db 19 CTGCGTTCTTCATCGATGC 1

RESULT 287
US-08-429-523-4
; Sequence 4, Application US/08429523
; Patent No. 5631132
; GENERAL INFORMATION:
; APPLICANT: LOTT, TIMOTHY J.
; APPLICANT: MORRISON, CHRISTINE J.
; APPLICANT: REISS, ERROLL
; APPLICANT: LASKER, BRENT
; APPLICANT: ZAKROFF, SANDRA
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR
; TITLE OF INVENTION: DETECTING DNA FROM CANDIDA CELLS IN BLOOD
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 26-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/065,845
; FILING DATE: 20-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 1414.066
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-429-523-2
Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTCGGTCTTCGTCGATGC 1567
Db 19 CTGCGTTCTTCATCGATGC 1

RESULT 289
US-08-429-532-4
; Sequence 4, Application US/08429532
```

```
; Patent No. 5635353
; GENERAL INFORMATION:
; APPLICANT: LOTT, TIMOTHY J.
; APPLICANT: MORRISON, CHRISTINE J.
; APPLICANT: REISS, ERROLL
; APPLICANT: LASKER, BRENT
; APPLICANT: ZAKROFF, SANDRA
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR
; TITLE OF INVENTION: DETECTING DNA FROM CANDIDA CELLS IN BLOOD
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/429,532
; FILING DATE: 26-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/065,845
; FILING DATE: 20-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 1414.066
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 4:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-429-532-4

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTCGGTCTTCGTCGATGC 1567
Db 2 CTCGGTCTTCGTCGATGC 20

RESULT 290
US-08-429-522-2/c
; Sequence 2, Application US/08429522
; Patent No. 5645992
; GENERAL INFORMATION:
; APPLICANT: LOTT, TIMOTHY J.
; APPLICANT: MORRISON, CHRISTINE J.
; APPLICANT: REISS, ERROLL
; APPLICANT: LASKER, BRENT
; APPLICANT: ZAKROFF, SANDRA
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR
; TITLE OF INVENTION: DETECTING DNA FROM CANDIDA CELLS IN BLOOD
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/429,522
; FILING DATE: 26-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/065,845
; FILING DATE: 20-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 1414.066
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 4:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-429-532-4
```

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; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/429,522
; FILING DATE: 26-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/065,845
; FILING DATE: 20-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 1414.066
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-429-522-2

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTCGGTCTTCGTCGATGC 1567
Db 19 CTCGGTCTTCGTCGATGC 1

RESULT 291
US-08-429-522-4
; Sequence 4, Application US/08429522
; Patent No. 5645992
; GENERAL INFORMATION:
; APPLICANT: LOTT, TIMOTHY J.
; APPLICANT: MORRISON, CHRISTINE J.
; APPLICANT: REISS, ERROLL
; APPLICANT: LASKER, BRENT
; APPLICANT: ZAKROFF, SANDRA
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR
; TITLE OF INVENTION: DETECTING DNA FROM CANDIDA CELLS IN BLOOD
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/429,522
; FILING DATE: 26-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/065,845
; FILING DATE: 20-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
```


; REFERENCE/DOCKET NUMBER: 1414.066
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-429-522-4

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567
||| ||||| |||||
Db 2 CTGCGTCTTCATCGATGC 20

RESULT 292
US-08-429-520-2/c
; Sequence 2, Application US/08429520
; Patent No. 5688644
; GENERAL INFORMATION:
; APPLICANT: LOTT, TIMOTHY J.
; APPLICANT: MORRISON, CHRISTINE J.
; APPLICANT: REISS, ERROLL
; APPLICANT: LASKER, BRENT
; APPLICANT: ZAKROFF, SANDRA
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR
; TITLE OF INVENTION: DETECTING DNA FROM CANDIDA CELLS IN BLOOD
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/429,520
; FILING DATE: 26-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/065,845
; FILING DATE: 20-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 1414.066
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-429-520-2

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567
||| ||||| |||||
Db 19 CTGCGTCTTCATCGATGC 1

RESULT 293
US-08-429-520-4
; Sequence 4, Application US/08429520
; Patent No. 5688644
; GENERAL INFORMATION:
; APPLICANT: LOTT, TIMOTHY J.
; APPLICANT: MORRISON, CHRISTINE J.
; APPLICANT: REISS, ERROLL
; APPLICANT: LASKER, BRENT
; APPLICANT: ZAKROFF, SANDRA
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR
; TITLE OF INVENTION: DETECTING DNA FROM CANDIDA CELLS IN BLOOD
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/429,520
; FILING DATE: 26-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/065,845
; FILING DATE: 20-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 1414.066
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-429-520-4

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567
||| ||||| |||||
Db 2 CTGCGTCTTCATCGATGC 20

RESULT 294
US-08-531-556-102/c
; Sequence 102, Application US/08531556
; Patent No. 5776682
; GENERAL INFORMATION:
; APPLICANT: Agoulnik, Alexander I
; APPLICANT: Kent First, Marijo
; APPLICANT: Muallem, Ariege
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY

; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DeWitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/531,556
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.034CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-831-2100
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 102:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-531-556-102

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1483 CACAAACTTCTGACACTA 1501
DB 19 CAAAAACTTCTGAGACCA 1

RESULT 295
US-08-742-023-10
; Sequence 10, Application US/08742023
; Patent No. 5800997
; GENERAL INFORMATION:
; APPLICANT: Beck, James J.
; TITLE OF INVENTION: Detection of Maize Fungal Pathogens
; TITLE OF INVENTION: Using the Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-GEIGY Corporation
; STREET: 520 White Plains Road, P.O. Box 2005
; CITY: Tarrytown
; STATE: NY
; COUNTRY: USA
; ZIP: 10591
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/742,023
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 541-8587
; TELEFAX: (919) 541-8689

; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer ITS2"
; US-08-742-023-10

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567
DB 2 CTTCGGTCTTCGTCGATGC 20

RESULT 296
US-08-742-023-11/C
; Sequence 11, Application US/08742023
; Patent No. 5800997
; GENERAL INFORMATION:
; APPLICANT: Beck, James J.
; TITLE OF INVENTION: Detection of Maize Fungal Pathogens
; TITLE OF INVENTION: Using the Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-GEIGY Corporation
; STREET: 520 White Plains Road, P.O. Box 2005
; CITY: Tarrytown
; STATE: NY
; COUNTRY: USA
; ZIP: 10591
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/742,023
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 541-8587
; TELEFAX: (919) 541-8689
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer ITS3"
; US-08-742-023-11

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567
DB 19 CTTCGGTCTTCGTCGATGC 1

RESULT 297
US-08-887-480-39
; Sequence 39, Application US/08887480
; Patent No. 5814453

```

;
; GENERAL INFORMATION:
; APPLICANT: Beck, James J
; TITLE OF INVENTION: Detection of Fungal Pathogens Using the
; TITLE OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5814453artis Corporation
; STREET: 520 White Plains Road
; CITY: Tarrytown
; STATE: NY
; COUNTRY: USA
; ZIP: 10591
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,480
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/722,187
; FILING DATE: 15-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; REFERENCE/DOCKET NUMBER: CGC 1739/PCT/CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-541-8689
; TELEFAX: 919-541-8689
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: Oligonucleotide primer ITS2
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-887-480-39

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTGCGTCTTCGTCGATGC 1567
Db 2 CTGCGTCTTCATCGATGC 20

RESULT 298
US-08-887-480-40/c
; Sequence 40, Application US/08887480
; Patent No. 5814453
; GENERAL INFORMATION:
; APPLICANT: Beck, James J
; TITLE OF INVENTION: Detection of Fungal Pathogens Using the
; TITLE OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5814453artis Corporation
; STREET: 520 White Plains Road
; CITY: Tarrytown
; STATE: NY
; COUNTRY: USA
; ZIP: 10591
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; US-08-887-480-40/c
```

```

;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,480
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/722,187
; FILING DATE: 15-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; REFERENCE/DOCKET NUMBER: CGC 1739/PCT/CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-541-8587
; TELEFAX: 919-541-8689
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: Oligonucleotide primer ITS3
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-887-480-40

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTGCGTCTTCGTCGATGC 1567
Db 19 CTGCGTCTTCATCGATGC 1

RESULT 299
US-08-905-314A-2
; Sequence 2, Application US/08905314A
; Patent No. 5827695
; GENERAL INFORMATION:
; APPLICANT: Beck, James J.
; TITLE OF INVENTION: DETECTION OF WHEAT FUNGAL PATHOGENS
; TITLE OF INVENTION: USING THE POLYMERASE CHAIN REACTION
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5827695artis Corporation Patent Department
; STREET: 3054 Cornwallis Road
; CITY: Research Triangle Park
; STATE: NC
; COUNTRY: USA
; ZIP: 20779-2257
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/905,314A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; REFERENCE/DOCKET NUMBER: CGC 1944
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 541-8587
; TELEFAX: (919) 541-8689
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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```
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer ITS2"
US-08-905-314A-2

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGGTCTTCGTCGATGC 1567
DB 2 CTGGGTTCTTCATCGATGC 20

RESULT 300
US-08-905-314A-3/c
; Sequence 3, Application US/08905314A
; Patent No. 5827695
; GENERAL INFORMATION:
; APPLICANT: Beck, James J.
; TITLE OF INVENTION: DETECTION OF WHEAT FUNGAL PATHOGENS
; TITLE OF INVENTION: USING THE POLYMERASE CHAIN REACTION
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESS: No. 5827695artis Corporation Patent Department
; STREET: 3054 Cornwallis Road
; CITY: Research Triangle Park
; STATE: NC USA
; COUNTRY: USA
; ZIP: 20779-2257
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: US/08/905,314A
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; REFERENCE/DOCKET NUMBER: CGC 1944
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 541-8587
; TELEFAX: (919) 541-8689
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer ITS3"
US-08-905-314A-3

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGGTCTTCGTCGATGC 1567
DB 19 CTGGGTTCTTCATCGATGC 1

RESULT 301
US-08-267-803B-79
; Sequence 79, Application US/08267803B
; Patent No. 5834183
; GENERAL INFORMATION:
; APPLICANT: Orr, Harry T.
; APPLICANT: Ranum, Laura P.W.
; APPLICANT: Chung, Ming-Yi
; APPLICANT: Zoghbi, Huda Y.
```

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; TITLE OF INVENTION: Gene Sequence for Spinocerebellar Ataxia
; Patent No. 5834183
; TITLE OF INVENTION: Type 1 and Method for Diagnosis
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Muehling, Raasch, Gebhardt & Schwappach, P.A.
; STREET: P.O. Box 581415
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55458-1415
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/267,803B
; FILING DATE: 28-JUN-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: McCormack, Myra H.
; REGISTRATION NUMBER: 36,602
; REFERENCE/DOCKET NUMBER: 110.00030120
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1217
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-267-803B-79

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 40 GCAGGAGGACGACGAGTG 58
DB 2 GCAGGATGACGACCCCTGT 20

RESULT 302
US-08-753-979A-32/c
; Sequence 32, Application US/08753979A
; Patent No. 5840549
; GENERAL INFORMATION:
; APPLICANT: Kent First, Marijo
; APPLICANT: Muallem, Ariege
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DeWitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/753,979A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
```

```
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.051
; TELEPHONE: 608-831-2100
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-753-979A-32

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1483 CACAAACTTCTGACACTA 1501
Db 19 CAAAAACTTCTGAGACCA 1

RESULT 303
US-08-709-874A-7
; Sequence 7, Application US/08709874A
; Patent No. 5854040
; GENERAL INFORMATION:
; APPLICANT: Ozaki, Akio
; APPLICANT: Mori, Hideo
; APPLICANT: Shibasaki, Takeshi
; APPLICANT: Ando, Katsuhiko
; APPLICANT: Chiba, Shigeru
; TITLE OF INVENTION: Process for Producing
; TITLE OF INVENTION: Trans-4-Hydroxy-L-Proline
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ANTONELLI, TERRY, STOUT AND KRAUS, LLP
; STREET: 1300 NORTH SEVENTEENTH STREET
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22209
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,874A
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/301,653
; FILING DATE: 07-SEP-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/482,554
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Terry, David T.
; REGISTRATION NUMBER: 20178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-312-6600
; TELEFAX: 703-312-6666
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
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```
US-08-709-874A-7

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 856 AAGGACCTGAAGCAGTACC 874
Db 1 ACGGAGCTCAAGCAGTACC 19

RESULT 304
US-08-704-207-2/c
; Sequence 2, Application US/08704207
; Patent No. 5874221
; GENERAL INFORMATION:
; APPLICANT: Tooley, Paul W.
; APPLICANT: Bunyard, Britt
; APPLICANT: Carras, Marie M.
; APPLICANT: Hatziloukas, Efstathios
; TITLE OF INVENTION: Species Specific Method for the PCR
; TITLE OF INVENTION: Detection of Phytophthora
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Janelle S. Graeter
; STREET: Room 411, Building 005, BARC-W
; CITY: Beltsville
; STATE: MD
; COUNTRY: USA
; ZIP: 20705
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/704,207
; FILING DATE: 28-AUG-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Graeter, Janelle S.
; REGISTRATION NUMBER: 35,024
; REFERENCE/DOCKET NUMBER: 0081.96
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-504-6629
; TELEFAX: 301-504-5060
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Phytophthora infestans
; US-08-704-207-2

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTGGTCTTCGTGATGC 1567
Db 19 CTGGCTTCTTCATCGATGC 1

RESULT 305
US-08-879-260-7
; Sequence 7, Application US/08879260
; Patent No. 5935851
; GENERAL INFORMATION:
```

APPLICANT: Murthy, Anita E.
APPLICANT: Gusella, James F.
TITLE OF INVENTION: TPR-Containing Genes
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C
STREET: 1100 New York Ave, N.W., Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/879,260
FILING DATE: 19JUN1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/020,204
FILING DATE: 20JUN1996
ATTORNEY/AGENT INFORMATION:
NAME: Ludwig, Steven R.
REGISTRATION NUMBER: 36,203
REFERENCE/DOCKET NUMBER: 0609.4260001/JAG/SRL
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-879-260-7

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 281 CTGGGAACCTCGTCTGC 299
Db 1 CTGGGAACCTGTTCTCC 19

RESULT 306
US-08-726-012B-14/c
Sequence 14, Application US/08726012B
Patent No. 5952190
GENERAL INFORMATION:
APPLICANT: Hans Joenje, et al.
TITLE OF INVENTION: cDNA FOR PANCONI ANEMIA COMPLEMENTATION GROUP A
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klarquist Sparkman Campbell Leigh & Whinston, LLP
STREET: One World Trade Center, Suite 1600, 121 S.W. Salmon Street
CITY: Portland
STATE: OR
COUNTRY: USA
ZIP: 97204-2988
COMPUTER READABLE FORM:
MEDIUM TYPE: Disk, 3.5-inch
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: WordPerfect 5.1+, ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/726,012B
FILING DATE: 10/04/96
CLASSIFICATION: 514
PRIOR APPLICATION DATA:

APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Richard J. Polley
REGISTRATION NUMBER: 28,107
REFERENCE/DOCKET NUMBER: 3812-45520/RJP/DJE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (503) 226-7391
TELEFAX: (503) 228-9446
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-726-012B-14
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 259 GAGGCCCCCACCACGTGCTG 277
Db 19 GAGTCCCCCACCACGTGCTG 1
RESULT 307
US-08-722-187-39
Sequence 39, Application US/08722187
Patent No. 5955274
GENERAL INFORMATION:
APPLICANT: Ligon, James M
APPLICANT: Beck, James J
TITLE OF INVENTION: Detection of Fungal Pathogens Using the
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ciba-Geigy Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: NY
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/722,187
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/233,608
FILING DATE: 04-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Walsh, Andrea C.
REGISTRATION NUMBER: 34,988
REFERENCE/DOCKET NUMBER: CGC 1739
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-541-8666
TELEFAX: 919-541-8689
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: Oligonucleotide primer ITS2
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-722-187-39

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTGATGC 1567
||| ||||| |||||
Db 2 CTGCGTCTTCATCGATGC 20

RESULT 308
US-08-722-187-40/c
; Sequence 40, Application US/08722187
; Patent No. 5955274
; GENERAL INFORMATION:
; APPLICANT: Ligon, James M
; APPLICANT: Beck, James J
; TITLE OF INVENTION: Detection of Fungal Pathogens Using the
; TITLE OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ciba-Geigy Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: NY
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/722,187
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/233,608
; FILING DATE: 04-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Walsh, Andrea C.
; REGISTRATION NUMBER: 34,988
; REFERENCE/DOCKET NUMBER: CGC 1739
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-541-8666
; TELEFAX: 919-541-8688
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: Oligonucleotide primer ITS3
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-722-187-40

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTGATGC 1567
||| ||||| |||||
Db 19 CTGCGTCTTCATCGATGC 1

RESULT 309
US-08-837-201C-99/c
; Sequence 99, Application US/08837201C
; Patent No. 5985558
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.

; APPLICANT: Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201C
; FILING DATE: April 14, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 99:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-837-201C-99

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1720 AGCCATGTTCCACCTGCCCA 1738
||||| ||||| |||||
Db 19 AGCCATCTCCACCA 1

RESULT 310
US-08-822-028-24/c
; Sequence 24, Application US/08822028
; Patent No. 5993813
; GENERAL INFORMATION:
; APPLICANT: MEZES, PETER S
; APPLICANT: GOURLIE, BRIAN B
; APPLICANT: RIXON, MARK W
; APPLICANT: ANDERSON, WH KERR
; APPLICANT: KAPLAN, DONALD A
; APPLICANT: SCHOLOM, JEFFREY
; TITLE OF INVENTION: A NOVEL FAMILY OF HIGH AFFINITY.
; TITLE OF INVENTION: MODIFIED ANTIBODIES FOR CANCER TREATMENT
; NUMBER OF SEQUENCES: 74
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DUANE C ULMER
; STREET: P.O. BOX 1967
; CITY: MIDLAND
; STATE: MICHIGAN
; COUNTRY: USA
; ZIP: 48641-1967
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

```
;
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,028
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/040,687
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: ULMER, DUANE C
; REGISTRATION NUMBER: 34,941
; REFERENCE/DOCKET NUMBER: C-37,075C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (517) 636-8104
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; US-08-822-028-24

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1293 GTCCACGAGGAGTTCAAG 1311
Db 20 GTACAATGAGAAGTTCAAG 2

RESULT 311
US-08-822-028-44/c
; Sequence 44, Application US/08822028
; Patent No. 5993813
; GENERAL INFORMATION:
; APPLICANT: MEZES, PETER S
; APPLICANT: GOURLIE, BRIAN B
; APPLICANT: RIXON, MARK W
; APPLICANT: ANDERSON, WH KERR
; APPLICANT: KAPLAN, DONALD A
; APPLICANT: SCHOLOW, JEFFREY
; TITLE OF INVENTION: A NOVEL FAMILY OF HIGH AFFINITY,
; MODIFIED ANTIBODIES FOR CANCER TREATMENT
; NUMBER OF SEQUENCES: 74
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DUANE C ULMER
; STREET: P.O. BOX 1967
; CITY: MIDLAND
; STATE: MICHIGAN
; COUNTRY: USA
; ZIP: 48641-1967
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,028
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/040,687
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: ULMER, DUANE C
; REGISTRATION NUMBER: 34,941
; REFERENCE/DOCKET NUMBER: C-37,075C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (517) 636-8104
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
```

```
;
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; US-08-822-028-44

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1293 GTCCACGAGGAGTTCAAG 1311
Db 20 GTACAATGAGAAGTTCAAG 2

RESULT 312
US-08-707-399E-6
; Sequence 6, Application US/08707399E
; Patent No. 6008014
; GENERAL INFORMATION:
; APPLICANT: Acton, Susan and Gimeno, Carlos
; TITLE OF INVENTION: Lipid Metabolic Pathway Compositions
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/707,399E
; FILING DATE: September 4, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: MNI-006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-707-399E-6

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 864 GRAGCAGTACCTGGATGAC 882
Db 2 GAAGAAGAACCGAGGATGAC 20

RESULT 313
US-09-357-070-29/c
; Sequence 29, Application US/09357070
; Patent No. 6046049
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
```



```
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P110 DELTA EXPRESSION
; FILE REFERENCE: RTS-0076
; CURRENT APPLICATION NUMBER: US/09/357,070
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-070-29

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1231 CAGCTACACTTCATCTCC 1249
Db 19 CTGCTAGACTTCAGCTCC 1

RESULT 314
US-08-968-505-10
; Sequence 10, Application US/08968505
; Patent No. 6071698
; GENERAL INFORMATION:
; APPLICANT: Beck, James J.
; TITLE OF INVENTION: Detection of Maize Fungal Pathogens
; TITLE OF INVENTION: Using the Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-GEIGY Corporation
; STREET: 520 White Plains Road, P.O. Box 2005
; CITY: Tarrytown
; STATE: NY
; COUNTRY: USA
; ZIP: 10591
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/968,505
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/742,023
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 36,241
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 541-8587
; TELEFAX: (919) 541-8689
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer ITS2"
US-08-968-505-10

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTGCGTCTTCGTCGATGC 1567
Db 19 CTGCGTTCTTCATCGATGC 1

RESULT 316
US-09-287-796-121/c
; Sequence 121, Application US/09287796A
; Patent No. 6133246
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0350
; CURRENT APPLICATION NUMBER: US/09/287,796A
; CURRENT FILING DATE: 1999-04-07
; EARLIER APPLICATION NUMBER: 09/130,616
; EARLIER FILING DATE: 1998-08-07
```

```
Db 2 CTGCGTTCTTCATCGATGC 20

RESULT 315
US-08-968-505-11/c
; Sequence 11, Application US/08968505
; Patent No. 6071698
; GENERAL INFORMATION:
; APPLICANT: Beck, James J.
; TITLE OF INVENTION: Detection of Maize Fungal Pathogens
; TITLE OF INVENTION: Using the Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-GEIGY Corporation
; STREET: 520 White Plains Road, P.O. Box 2005
; CITY: Tarrytown
; STATE: NY
; COUNTRY: USA
; ZIP: 10591
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/968,505
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/742,023
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 36,241
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 541-8587
; TELEFAX: (919) 541-8689
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer ITS3"
US-08-968-505-11

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTGCGTCTTCGTCGATGC 1567
Db 19 CTGCGTTCTTCATCGATGC 1

RESULT 316
US-09-287-796-121/c
; Sequence 121, Application US/09287796A
; Patent No. 6133246
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0350
; CURRENT APPLICATION NUMBER: US/09/287,796A
; CURRENT FILING DATE: 1999-04-07
; EARLIER APPLICATION NUMBER: 09/130,616
; EARLIER FILING DATE: 1998-08-07
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EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-287-796-121

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1424 GGATCTCCGAGGAGGATGC 1442
| | | | | | | | | | | | | | | | | | | |
Db 20 GGATCTCCGTAGACGAAGC 2

RESULT 317

US-08-715B-30/c
; Sequence 30, Application US/08838715B
; Patent No. 6153595

GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kisner, Anderson
; TITLE OF INVENTION: Composition and Method for Treatment
; TITLE OF INVENTION: of CMV Infection
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM 486

OPERATING SYSTEM: WINDOWS FOR WORKGROUPS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/838,715B

FILING DATE: April 9, 1997

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/568,366

FILING DATE: 8/16/90

APPLICATION NUMBER: 07/927,506

FILING DATE: 11/19/92

APPLICATION NUMBER: 08/009,263

FILING DATE: 1/25/93

APPLICATION NUMBER: 08/233,711

FILING DATE: 4/26/94

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0204

TELECOMMUNICATION INFORMATION:

TELEPHONE: (609) 779-2400

TELEFAX: (609) 810-1454

INFORMATION FOR SEQ ID NO: 30:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHEetical: NO

ANTI-SENSE: YES

US-08-838-715B-30

Query Match 0.8%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 131 GGATGAAGAAGATCAACG 149
| | | | | | | | | | | | | | | | | | | |
Db 20 GCAAGAAGAAGACCAACG 2

RESULT 318

US-08-838-715B-90/c
; Sequence 90, Application US/08838715B
; Patent No. 6153595

GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kisner, Anderson
; TITLE OF INVENTION: Composition and Method for Treatment
; TITLE OF INVENTION: of CMV Infection
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM 486

OPERATING SYSTEM: WINDOWS FOR WORKGROUPS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/838,715B

FILING DATE: April 9, 1997

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/568,366

FILING DATE: 8/16/90

APPLICATION NUMBER: 07/927,506

FILING DATE: 11/19/92

APPLICATION NUMBER: 08/009,263

FILING DATE: 1/25/93

APPLICATION NUMBER: 08/233,711

FILING DATE: 4/26/94

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0204

TELECOMMUNICATION INFORMATION:

TELEPHONE: (609) 779-2400

TELEFAX: (609) 810-1454

INFORMATION FOR SEQ ID NO: 90:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHEtical: NO

ANTI-SENSE: NO

US-08-838-715B-90

Query Match 0.8%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 131 GGATGAAGAAGATCAACG 149
| | | | | | | | | | | | | | | | | | | |
Db 20 GCAAGAAGAAGACCAACG 2

RESULT 319

US-09-087-194-18
; Sequence 18, Application US/09087194
; Patent No. 6159718

```
;
; GENERAL INFORMATION:
; APPLICANT: Dalboege, Henrik
; APPLICANT: Andersen, Lene N.
; APPLICANT: Kofod, Lene V.
; APPLICANT: Kauppinen, Markus S.
; APPLICANT: Christgau, Stephan
; APPLICANT: Heldt-Hansen, Hans P.
; APPLICANT: Halkier, Torben
; TITLE OF INVENTION: An Enzyme With Polyalacturonase
; TITLE OF INVENTION: Activity
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 61597180 No. 6159718disk of No. 6159718th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/087,194
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/448,624
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 3921.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-087-194-18

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 565 CGCCTCGTCTGTCGAGCC 583
Db 1 CGGCTCGTCTGTCGAGCC 19

RESULT 320
US-08-479-285-24/c
; Sequence 24, Application US/08479285
; Patent No. 6207815
; GENERAL INFORMATION:
; APPLICANT: MEZES, PETER S
; APPLICANT: GOURLIE, BRIAN B
; APPLICANT: RIXON, MARK W
; APPLICANT: ANDERSON, WH KERR
; APPLICANT: KAPLAN, DONALD A
; APPLICANT: SCHOLOM, JEFFREY
; TITLE OF INVENTION: A NOVEL FAMILY OF HIGH AFFINITY,
; TITLE OF INVENTION: MODIFIED ANTIBODIES FOR CANCER TREATMENT
; NUMBER OF SEQUENCES: 74
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DUANE C ULMER
; STREET: P.O. BOX 1967
; CITY: MIDLAND
; STATE: MICHIGAN
; COUNTRY: USA
; ZIP: 48641-1967
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/479,285
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/040687
; FILING DATE: 31-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: ULMER, DUANE C
```

```
;
; STATE: MICHIGAN
; COUNTRY: USA
; ZIP: 48641-1967
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/479,285
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/040687
; FILING DATE: 31-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: ULMER, DUANE C
; REGISTRATION NUMBER: 34,941
; REFERENCE/DOCKET NUMBER: C-37,075C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (517) 636-8104
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; US-08-479-285-24

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1293 GTCCACGAGGAGTTCAG 1311
Db 20 GTACAATGAGAAGTTCAG 2

RESULT 321
US-08-479-285-44/c
; Sequence 44, Application US/08479285
; Patent No. 6207815
; GENERAL INFORMATION:
; APPLICANT: MEZES, PETER S
; APPLICANT: GOURLIE, BRIAN B
; APPLICANT: RIXON, MARK W
; APPLICANT: ANDERSON, WH KERR
; APPLICANT: KAPLAN, DONALD A
; APPLICANT: SCHOLOM, JEFFREY
; TITLE OF INVENTION: A NOVEL FAMILY OF HIGH AFFINITY,
; TITLE OF INVENTION: MODIFIED ANTIBODIES FOR CANCER TREATMENT
; NUMBER OF SEQUENCES: 74
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DUANE C ULMER
; STREET: P.O. BOX 1967
; CITY: MIDLAND
; STATE: MICHIGAN
; COUNTRY: USA
; ZIP: 48641-1967
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/479,285
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/040687
; FILING DATE: 31-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: ULMER, DUANE C
```

TOPLOGY:
; US-08-479-285-44

RESULT 324
US-09-130-616-121/c
; Sequence 121, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:

- APPLICANT: Dean, Nicholas M.
- APPLICANT: Monia, Brett
- APPLICANT: Nero, Pam

; TITLE OF INVENTION: FOR THE MODULATION OF

FILE REFERENCE: 15FH-0518
CURRENT APPLICATION NUMBER: US/09/130,616C

; CURRENT FILING DATE: 1998-08-07
 ;
 ; EARLIER APPLICATION NUMBER: 08/910,629

; EARLIER FILING DATE: 1997-08-03
 ; NUMBER OF SEQ ID NOS: 178

; SEQ ID NO 121

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; LENGTH: 20

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;
; TYPE: DNA

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ORGANISM: Artificial Sequence

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;
FEATURE:
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OTHER INFORMATION: Synthetic sequence

US-09-130-616-121

[illegible]

Query Match	0.8%	Score 14.2;	DB 1;	Length 20;

Best Local Similarity 84.2%; Pred. No. 3.3e+02;

Matches	16;	Conservative	0;	Mismatches	3;	Indels	0;	Gaps	0;
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Qy 1424 GGATCTCCGCAGAGGATGC 1442

[illegible]

RESULT 325

; Sequence 2, Application US/09269136B

Patent No. 6235890
GENERAL INFORMATION:

APPLICANT: Holloway, Brian

; APPLICANT: Shin, Jong Hee

; TITLE OF INVENTION: Methods and Compositions for the Detection of Can

; TITLE OF INVENTION: Sp.

; FILE REFERENCE: 03063-0261

; CURRENT APPLICATION NUMBER: US/09/269,136B
 ; CURRENT FILING DATE: 1999-07-12

NUMBER OF SEO ID NOS: 16

: SOFTWARE: PatentIn Ver. 2.0

SEO ID NO 2

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: ITS3 Primer

U.S.-09-269-1368-2

3
3
3
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Overall Match 0.8%: score 14.2: DB 1: Length 20;

Query Match

Best Local Similarity	84.2%	Pred No.	3-3e+02;
	0.6%	SCCIC	13.2; DD 1/

BEST LOCAL SIMILARITY 84.2%, FREQ. NO: 3,530,627
Matches 16: Conservative 0: Mismatches 3: Indels 0: Gaps

	Matches	Conservative	Mismatches	% Mismatch
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-104-382-7

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 856 AAGACCTGAGCAGTACC 874
| | | | |
Db 1 ACGGAGCTCAAGCAGTACC 19

RESULT 329
US-09-428-583-68/c
; Sequence 68, Application US/09428583
; Patent No. 6271029
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSINESIN-2 EXPRESSION
; FILE REFERENCE: RTS-0096
; CURRENT APPLICATION NUMBER: US/09/428,583
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-583-68

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 993 GAACCTGCTCATCAGGAG 1011
| | | | |
Db 19 GAACCGGGGCATCAACGAG 1

RESULT 330
US-09-364-416-99/c
; Sequence 99, Application US/09364416
; Patent No. 6312900
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia, Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/364,416
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201

; FILING DATE: April 14, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 99:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-364-416-99

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1720 ACCCATGTCACCTGCCCA 1738
| | | | |
Db 19 AGCCATCTCCACCGCCCA 1

RESULT 331
US-09-026-601-2
; Sequence 2, Application US/09026601
; Patent No. 6358680
; GENERAL INFORMATION:
; APPLICANT: Beck, James J.
; TITLE OF INVENTION: Detection of Wheat and Barley Fungal
; TITLE OF INVENTION: Pathogens Using the Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6358680artis Corporation
; STREET: 3054 Cornwallis Road
; CITY: Research Triangle Park
; STATE: No. 6358680th Carolina
; COUNTRY: USA
; ZIP: 27709
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/026,601
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; REFERENCE/DOCKET NUMBER: CGC 1984
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-541-8587
; TELEFAX: 919-541-8689
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer ITS2"
US-09-026-601-2

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3 3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGGTCTTCGTGATGC 1567

Db 2 CTGCGTTCTTCATCGATGC 20

RESULT 332
US-09-026-601-3/c
; Sequence 3, Application US/09026601
; Patent No. 6358680

```

; GENERAL INFORMATION:
; APPLICANT: Beck, James J.
; TITLE OF INVENTION: Detection of Wheat and Barley Fungal
; TITLE OF INVENTION: Pathogens Using the Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
;
```

ADDRESSEE: No. 6358680artis Corporation
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
STATE: No. 6358680th Carolina
COUNTRY: USA
ZIP: 27709

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```

/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Meigs, J. Timothy
/ REGISTRATION NUMBER: 38,241
/ REFERENCE/DOCKET NUMBER: CGC 1984
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 919-541-8587
/ TELEFAX: 919-541-8689
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "Primer
US-09-026-601-3

```

US-09-026-601-3

QY 1549 CTTCGGTCTTCTCGTCGATGC 1567
Db 19 CTGCGTTCCTTCATCGATGC 1

RESULT 333
US-09-407-705C-1
; Sequence 1, Application US/09407705C
; Patent No. 6379699

```

; Patent No.: 0375093
; GENERAL INFORMATION:
; APPLICANT: Virtanen, Jorma
; APPLICANT: Virtanen, Sinikka
; TITLE OF INVENTION: Antiviral supramolecules containing
; TITLE OF INVENTION: target-binding molecules and therapeutic molecules bound to
; TITLE OF INVENTION: Spectrin
; FILE REFERENCE: 18950-14
; CURRENT APPLICATION NUMBER: US/09/407,705C
; CURRENT FILING DATE: 1999-09-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA

```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; OTHER INFORMATION: of an anti
; OTHER INFORMATION: of the pre
; OTHER INFORMATION: position.
US-09-407-705C-1

```

Query Match	0.8%	Score 14.2	DB 1	Length 20
Best Local Similarity	84.2%	Pred. No. 3.3e+02		
Matches 16	Conservative	0	Mismatches 3	Indels 3
				Gaps 0

Oy 723 TGAAGAGGGGCACCTTC 741
 ||| ||| ||| ||| |||
Db 1 TGGAGATGGGGCACCATGC 19

RESULT 334
US-09-702-327-66
; Sequence 66, Application US/09702327
; Patent No. 6426220

```

: GENERAL INFORMATION:
: APPLICANT: C. Frank Bennett
: APPLICANT: Lex M. Cowsett
: TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
: FILE REFERENCE: RTS-0097
: CURRENT APPLICATION NUMBER: US/09/702,327
: CURRENT FILING DATE: 2000-10-30
: NUMBER OF SEQ ID NOS: 89
: SEQ ID NO 66
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-327-66

```

Query Match	0.8%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. No. 3.3e+02;		
Matches 16;	Conservative	0;	Mismatches 3;	Indels 0;
				Gaps 0;

Qy 928 CAGCTGCTCCGTGGCCTGG 946
||| ||| ||| ||| ||| ||| |||
Db 2 CAGCTCGTCCCTGGCCTGG 20

RESULT 335
US-09-658-679A-50
; Sequence 50, Application US/09658679A

```

; Patent No. 6444464
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF
; FILE REFERENCE: RTS-0186
; CURRENT APPLICATION NUMBER: US/09/658,679A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 50
; LENGTH: 20

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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-50

```

Query Match	0.8%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. No. 3.3e+03;		
Matches 16;	Conservative 3;	Mismatches 0;	Gaps 3;	Indels 0;

Qy 1387 CTCCTCACCAAGCTGTTGC 1405
Db 2 CTCCTGCCCAAGCTGTTGC 20

```

; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 89
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-89

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 352 GGGTCTGATGGGAGAGTG 370
Db 20 GGGTCTGATGGTGAATG 2

RESULT 339
US-09-422-978-6583
; Sequence 6583, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6583
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-12602 for SEQ 2649,
US-09-422-978-6583

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 807 CATTATCCACACGAGAG 825
Db 2 CTTTATCCACACAGAGAG 20

RESULT 340
US-09-705-267A-113
; Sequence 113, Application US/09705267A
; Patent No. 6551826
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
; FILE REFERENCE: RTS-0211
; CURRENT APPLICATION NUMBER: US/09/705,267A
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 177

; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 89
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: ITS2
US-09-481-293-2

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567
Db 2 CTTCGGTCTTCGTCGATGC 20

RESULT 337
US-09-481-293-3/c
; Sequence 3, Application US/09481293
; Patent No. 6485907
; GENERAL INFORMATION:
; APPLICANT: Beck, James
; APPLICANT: Barnett, Jason
; TITLE OF INVENTION: PCR-Based Detection of Rhizoctonia cerealis
; FILE REFERENCE: PB/5-31135P1
; CURRENT APPLICATION NUMBER: US/09/481,293
; CURRENT FILING DATE: 2000-01-11
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: ITS3
US-09-481-293-3

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567
Db 19 CTTCGGTCTTCGTCGATGC 1

RESULT 338
US-09-733-294A-89/c
; Sequence 89, Application US/09733294A
; Patent No. 6492171
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wanciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
```



```
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-113

Query Match
Best Local Similarity 0.8%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 36 GTAGCGACGAGCAGCACGCA 54
Db 1 GAAGCGCAGGATGTCACGCA 19

RESULT 341
US-09-198-452A-5779/c
; Sequence 5779, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5779
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5779

Query Match
Best Local Similarity 0.8%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 291 TCGTTCGACGGGGGCCA 309
Db 20 TCGTTCGACGGGGCGACA 2

RESULT 342
US-09-833-555-7
; Sequence 7, Application US/09833555
; Patent No. 6617140
; GENERAL INFORMATION:
; APPLICANT: Ozaki, Akio
; APPLICANT: Mori, Hideo
; APPLICANT: Shibasaki, Takeshi
; APPLICANT: Ando, Katsuhiko
; APPLICANT: Chiba, Shigeru
; TITLE OF INVENTION: Process for Producing
; TITLE OF INVENTION: Trans-4-Hydroxy-L-Proline
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ANTONELLI, TERRY, STOUT AND KRAUS, LLP
; STREET: 1300 NORTH SEVENTEENTH STREET
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22209
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/833,555
; FILING DATE:
```

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; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/104,382
; FILING DATE:
; APPLICATION NUMBER: 08/709,874
; FILING DATE: 09-SEP-1996
; APPLICATION NUMBER: 08/301,653
; FILING DATE: 07-SEP-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/482,554
; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Terry, David T.
; REGISTRATION NUMBER: 20178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-312-6600
; TELEFAX: 703-312-6666
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-833-555-7

Query Match
Best Local Similarity 0.8%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 856 AAGGACCTGAGCAGTACC 874
Db 1 ACGGAGCTCAAGCAGTACC 19

RESULT 343
US-09-503-653A-24/c
; Sequence 24, Application US/09503653A
; Patent No. 6641999
; GENERAL INFORMATION:
; APPLICANT: Mezes, Peter S
; APPLICANT: Gourlie, Brian B
; APPLICANT: Rixon, Mark W
; APPLICANT: Anderson, WH Kerr
; APPLICANT: Kaplan, Donald A
; APPLICANT: Schlom, Jeffrey
; TITLE OF INVENTION: Probing Method for Identifying Antibodies
; TITLE OF INVENTION: Specific for Selected Antigens
; FILE REFERENCE: 37075H-CIPI
; CURRENT APPLICATION NUMBER: US/09/503,653A
; CURRENT FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: US 08/040,687
; PRIOR FILING DATE: 1993-03-31
; PRIOR APPLICATION NUMBER: US 07/424,362
; PRIOR FILING DATE: 1989-10-19
; PRIOR APPLICATION NUMBER: US 07/261,942
; PRIOR FILING DATE: 1988-10-24
; PRIOR APPLICATION NUMBER: US 07/259,943
; PRIOR FILING DATE: 1988-10-19
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: MICROSOFT Word 97 SR-2
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..20
; OTHER INFORMATION: Oligo B72.3/CC92 HC
US-09-503-653A-24
```

```
Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1293 GTCCACGAGGAGTTCAAG 1311
Db 20 GTACAATGAGAAGTTCAAG 2

RESULT 344
US-09-503-653A-44/c
; Sequence 44, Application US/09503653A
; Patent No. 6641999
; GENERAL INFORMATION:
; APPLICANT: Mezes, Peter S
; APPLICANT: Gourlie, Brian B
; APPLICANT: Rixon, Mark W
; APPLICANT: Anderson, WH Kerr
; APPLICANT: Kaplan, Donald A
; APPLICANT: Schlom, Jeffrey
; TITLE OF INVENTION: Probing Method for Identifying Antibodies
; FILE REFERENCE: 37075H-CIP1
; CURRENT APPLICATION NUMBER: US/09/503,653A
; CURRENT FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: US 08/040,687
; PRIOR FILING DATE: 1993-03-31
; PRIOR APPLICATION NUMBER: US 07/424,362
; PRIOR FILING DATE: 1989-10-19
; PRIOR APPLICATION NUMBER: US 07/261,942
; PRIOR FILING DATE: 1988-10-24
; PRIOR APPLICATION NUMBER: US 07/259,943
; PRIOR FILING DATE: 1988-10-19
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: MICROSOFT Word 97 SR-2
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 1..20
; OTHER INFORMATION: Oligo B72.3/CC92 HC
US-09-503-653A-44

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1293 GTCCACGAGGAGTTCAAG 1311
Db 20 GTACAATGAGAAGTTCAAG 2

RESULT 345
US-09-939-379B-2
; Sequence 2, Application US/09939379B
; Patent No. 6645720
; GENERAL INFORMATION:
; APPLICANT: Syngenta Biotechnology Inc.
; APPLICANT: Barnett, Charles Jason
; APPLICANT: Beck, Jim
; TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase Chain Reaction
; FILE REFERENCE: 60063P1
; CURRENT APPLICATION NUMBER: US/09/939,379B
; CURRENT FILING DATE: 2002-04-08
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
```

```
; NAME/KEY: misc.feature
; LOCATION: (1).. (20)
; OTHER INFORMATION: Primer ITS2
US-09-939-379B-2

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567
Db 2 CTGCGTTCTTCATCGATGC 20

RESULT 346
US-09-939-379B-3/c
; Sequence 3, Application US/09939379B
; Patent No. 6645720
; GENERAL INFORMATION:
; APPLICANT: Syngenta Biotechnology Inc.
; APPLICANT: Barnett, Charles Jason
; APPLICANT: Beck, Jim
; TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase Chain Reaction
; FILE REFERENCE: 60063P1
; CURRENT APPLICATION NUMBER: US/09/939,379B
; CURRENT FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1).. (20)
; OTHER INFORMATION: Primer ITS3
US-09-939-379B-3

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567
Db 19 CTGCGTTCTTCATCGATGC 1

RESULT 347
US-09-860-473-147/c
; Sequence 147, Application US/09860473
; Patent No. 6656712
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-147

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1610 TCTAGCCACAGACCGAGG 1628
Db 19 TCTAGCCACAGACCGAGG 1628
```

```
Db      20  TCCAAGCCTCAGACCCAGG 2

RESULT 348
US-09-961-663-2
; Sequence 2, Application US/09961663
; Patent No. 6733972
; GENERAL INFORMATION:
; APPLICANT: Barnett, Jason
; APPLICANT: Beck, James
; TITLE OF INVENTION: Detection of Mycosphaerella Using the Polymerase Chain
; TITLE OF INVENTION: Reaction
; FILE REFERENCE: PB/5-31382A
; CURRENT APPLICATION NUMBER: US/09/961,663
; CURRENT FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: US 60/211902
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer ITS2
US-09-961-663-2

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1549  CTTCGGTCTTCGTCGATGC 1567
          |||||
          2  CTGCGTCTTCATCGATGC 20

Db

RESULT 349
US-09-961-663-3/c
; Sequence 3, Application US/09961663
; Patent No. 6733972
; GENERAL INFORMATION:
; APPLICANT: Barnett, Jason
; APPLICANT: Beck, James
; TITLE OF INVENTION: Detection of Mycosphaerella Using the Polymerase Chain
; TITLE OF INVENTION: Reaction
; FILE REFERENCE: PB/5-31382A
; CURRENT APPLICATION NUMBER: US/09/961,663
; CURRENT FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: US 60/211902
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer ITS3
US-09-961-663-3

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1549  CTTCGGTCTTCGTCGATGC 1567
          |||||
          19  CTGCGTCTTCATCGATGC 1

Db

RESULT 350
US-09-913-192A-8/c
; Sequence 8, Application US/09913192A
; Patent No. 6767738
```

```
; GENERAL INFORMATION:
; APPLICANT: GAGE, FRED H.
; APPLICANT: PALMER, THEO
; APPLICANT: SAFAR, FRANCIS G.
; APPLICANT: TAKAHASHI, JUN
; APPLICANT: TAKAHASHI, MASAYO
; TITLE OF INVENTION: ISOLATION OF STEM CELLS AND METHODS OF USE THEREOF
; FILE REFERENCE: SALK2250-1
; CURRENT APPLICATION NUMBER: US/09/913,192A
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: PCT/US00/03596
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/119,642
; PRIOR FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: 60/155,871
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-913-192A-8

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      834  CCTTGTCTTTGAGTACCTG 852
          |||||
          19  CATGCTCTTTGAGTACATG 1

Db

RESULT 351
PCT-US95-04712-39
; Sequence 39, Application PC/TUS9504712
; GENERAL INFORMATION:
; APPLICANT: Ligon, James M
; APPLICANT: Beck, James J
; TITLE OF INVENTION: Detection of Fungal Pathogens Using the
; TITLE OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ciba-Geigy Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: NY
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04712
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/233,608
; FILING DATE: 04-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Walsh, Andrea C.
; REGISTRATION NUMBER: 34,988
; REFERENCE/DOCKET NUMBER: CGC 1739
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-541-8666
; TELEFAX: 919-541-8689
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
```

```
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: Oligonucleotide primer ITS2
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
PCT-US95-04712-39

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGCGTCTTCGTCGATGC 1567
DB 2 CTGCGTCTTCATCGATGC 20

RESULT 352
PCT-US95-04712-40/C
; Sequence 40, Application PC/TUS9504712
; GENERAL INFORMATION:
; APPLICANT: Ligon, James M
; APPLICANT: Beck, James J
; TITLE OF INVENTION: Detection of Fungal Pathogens Using the
; TITLE OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ciba-Geigy Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: NY
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04712
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/233,608
; FILING DATE: 04-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Walsh, Andrea C.
; REGISTRATION NUMBER: 34,988
; REFERENCE/DOCKET NUMBER: CGC 1739
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-541-8686
; TELEFAX: 919-541-8689
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: Oligonucleotide primer ITS3
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
PCT-US95-04712-40

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGCGTCTTCGTCGATGC 1567
DB 19 CTGCGTCTTCATCGATGC 1
```

```
RESULT 353
US-08-373-124A-54
; Sequence 54, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; CITY: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 54:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-54

Query Match          0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 3.6e+02;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 859 GACCTGAGCAGTACCTGG 877
DB 1 GCCUUGUAGCAGUACCUUG 19

RESULT 354
US-08-424-874-1
; Sequence 1, Application US/08424874
; Patent No. 5718915
; GENERAL INFORMATION:
; APPLICANT: Virtanen, Jorma A.
; APPLICANT: Virtanen, Sinikka
; TITLE OF INVENTION: BINDING MOLECULE MULTI ENZYME COMPLEXES
```

```
;
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/424,874
; FILING DATE: 19-APR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 8218-006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-854-3660
; TELEFAX: 415-854-3694
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 20..21
; OTHER INFORMATION: /note= "where N = X =
; OTHER INFORMATION: MMT-AP-CEDIPPA = N-Monomethoxytrityl aminopropyl cyanoethyl
; OTHER INFORMATION: N,N-diisopropylphosphoramidite"
; US-08-424-874-1

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 723 TGAAGAGGGGCACCTGC 741
Db 1 TGGAGATGGGGCACCATGC 19

RESULT 355
US-08-323-192D-1
; Sequence 1, Application US/08323192D
; Patent No. 5786199
; GENERAL INFORMATION:
; APPLICANT: Palese, Peter
; TITLE OF INVENTION: RECOMBINANT NEGATIVE STRAND RNA VIRUS
; TITLE OF INVENTION: EXPRESSION SYSTEMS AND VACCINES
; NUMBER OF SEQUENCES: 70
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/323,192D
; FILING DATE: 14-OCT-1994
```

```
;
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7682-035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-323-192D-1

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 908 ACGTGAACCTCTCTCTGT 926
Db 2 ACGAGGAAATCTCTCTGT 20

RESULT 356
US-08-435-628-54
; Sequence 54, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
```



```

; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/252,508B
; FILING DATE: 01-JUN-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7682-034
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-252-508B-1

```

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy
908 ACGTGAAACTGTTCCCTGTT 926
Db
2 ACGAGGAAATGTTCCCTGTT 20

RESULT 360

```

US-08-627-695-1
; Sequence 1, Application US/08627695C
; Patent No. 5997861
; GENERAL INFORMATION:
; APPLICANT: Vitansen, Jorma A.
; APPLICANT: Vitansen, Sinikka
; TITLE OF INVENTION: NOVEL THERAPEUTIC
; TYPE OF INVENTION: COMPLEXES
; FILE REFERENCE: 01296, 0007,959
; CURRENT APPLICATION NUMBER: US/08/627-695-1
; CURRENT FILING DATE: 1996-03-29
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 1.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: "where N = Mwt-A"
; OTHER INFORMATION: aminopropyl cyanate
; OTHER INFORMATION: N-diisopropylphosphoramide
; OTHER INFORMATION: Chemically Synthesized
US-08-627-695-1

```

```

Query Match          0.8%;   Score 14.2;   DB 1;   Length 21;
Best Local Similarity 84.2%;   Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

Qy 723 TGAAGAGGGGCACCTGC 741
Db 1 TGGAGATGGGGCACCATGC 19

RESULT 361

```

US-09-106-377-1
; Sequence 1, Application US/09106377
; Patent No. 6001634
; GENERAL INFORMATION:
; APPLICANT: Palese, Peter
; APPLICANT: Garcia-Sastre, Adolfo
; TITLE OF INVENTION: RECOMBINANT NEGATIVE STRAND RNA VIRUS
; TITLE OF INVENTION: EXPRESSION SYSTEMS AND VACCINES
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,377
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/252,508
; FILING DATE: 01-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7662-034
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9030
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-106-377-1

```

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels

QY 908 ACGTGAACTGTTCTCTGTT 926
Db 2 ACGAGGAAATGTTCTCTGTT 20

RESULT 362

```

US-09-344-520-3
; Sequence 3, Application US/09344520
;
; Patent No. 6037176
; GENERAL INFORMATION:
; APPLICANT: Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATORS
; FILE REFERENCE: RTS-0070
; CURRENT APPLICATION NUMBER: US/09/344-520-3
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer

```

19 GAAAGCTGAGATAGCAGG 1

; Sequence 41, Application US/099111/6
; Patent No. 6518403
; GENERAL INFORMATION:
; General Information

APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: ANTIBODIES THAT BIND AN
ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG
FILE REFERENCE: 87-3001


```
; CURRENT APPLICATION NUMBER: US/09/911,176B
; CURRENT FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: 09/118,408
; PRIOR FILING DATE: 1998-07-17
; PRIOR APPLICATION NUMBER: 60/053,154
; PRIOR FILING DATE: 1997-07-18
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-09-911-176B-41

Query Match
Best Local Similarity 0.8%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 822 GAAGTCCCTCACCCCTTGTC 840
|||||
Db 21 GAAGTCCCTCTCACGTGTC 3

RESULT 368
US-09-422-978-8100/c
; Sequence 8100, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8100
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-13666 for SEQ 235, in compleme
US-09-422-978-8100

Query Match
Best Local Similarity 0.8%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 392 CGGATGAGGTGCAGTCTCC 410
|||||
Db 21 CAGATGATTGCAGTCTCC 3

RESULT 369
US-09-619-740-41/c
; Sequence 41, Application US/09619740
; Patent No. 654946
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Lasser, Gerald W.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION
; FILE REFERENCE: 99-12C3
```

```
; CURRENT APPLICATION NUMBER: US/09/619,740
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/253,604
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: 09/444,794
; PRIOR FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/506,855
; PRIOR FILING DATE: 2000-02-17
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-09-619-740-41

Query Match
Best Local Similarity 0.8%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 822 GAAGTCCCTCACCCCTTGTC 840
|||||
Db 21 GAAGTCCCTCTCACGTGTC 3

RESULT 370
US-09-506-852-41/c
; Sequence 41, Application US/09506852
; Patent No. 6566499
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
; FILE REFERENCE: 97-30
; CURRENT APPLICATION NUMBER: US/09/506,852
; CURRENT FILING DATE: 2000-02-17
; EARLIER APPLICATION NUMBER: 60/053,154
; EARLIER FILING DATE: 1997-07-18
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-09-506-852-41

Query Match
Best Local Similarity 0.8%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 822 GAAGTCCCTCACCCCTTGTC 840
|||||
Db 21 GAAGTCCCTCTCACGTGTC 3

RESULT 371
US-09-032-438C-72
; Sequence 72, Application US/09032438C
; Patent No. 6713300
; GENERAL INFORMATION:
; APPLICANT: Rattnner, Amir
; APPLICANT: Sun, Hui
; APPLICANT: Lupski, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Anderson, Kent L.
; APPLICANT: Leppert, Mark
; APPLICANT: Dean, Michael
; APPLICANT: Singh, Nanda
; APPLICANT: Shroyer, No. 6713300h F.
; APPLICANT: Smallwood, Philip M.
```

```
; APPLICANT: Allikmets, Rando
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette
; TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify
; TITLE OF INVENTION: ATP-Binding Cassette Transporter
; FILE REFERENCE: BYLR-0065
; CURRENT APPLICATION NUMBER: US/09/032,438C
; CURRENT FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: US 60/039,388
; PRIOR FILING DATE: 1997-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 72
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-09-032-438C-72
```

```
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1389 CTTCCACCAAGCTGTTCAG 1407
| | | | | | | | | | | | | | |
Db 3 CATCACCCAGCTGTTCAG 21
```

```
RESULT 372
US-09-657-472-18/c
; Sequence 18, Application US/09657472
; Patent No. 6727063
```

```
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-18
```

```
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 261 GGCCCCCACCAGTCTCTCC 281
| | | | | | | | | | | | | | |
Db 21 GGCTCCCAAAAGTCTCTCC 1
```

```
RESULT 373
US-09-657-472-824
; Sequence 824, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
```

```
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 824
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-824
```

```
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 1028 TGGCTGACTTTGGCTGGCCC 1048
| | | | | | | | | | | | | | |
Db 1 TGGCTGACTTYGATGTGGCCC 21
```

```
RESULT 374
US-09-657-472-1083
; Sequence 1083, Application US/09657472
; Patent No. 6727063
```

```
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1083
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1083
```

```
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 1379 GGGCCGACCTCTCTCACCAGC 1399
| | | | | | | | | | | | | | |
Db 1 GGGCCGAGCCYGCACCAAGC 21
```

```
RESULT 375
US-09-657-472-1320
```

```
; Sequence 1320, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1320
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1320
```

```
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 494 TCCGGCTGCTCAGGGCTACC 514
Db 1 TCGTGTGCKGATGACTACC 21
```

```
RESULT 376
; Sequence 1580, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1580
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1580
```

```
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 653 CCACCGTCTACAAAGGCAAA 673
Db 21 CCATCCACTTAAAGGCAAA 1
```

```
RESULT 377
; Sequence 142, Application US/08291932A
; Patent No. 5166057
; GENERAL INFORMATION:
; APPLICANT: Palese, Peter; Parvin, Jeffrey D.; Krystal, Mark
; TITLE OF INVENTION: RECOMBINANT NEGATIVE STRAND RNA VIRUS
; EXPRESSION-SYSTEMS
; NUMBER OF SEQUENCES: 43
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/527,237
; FILING DATE: 22-MAY-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 440,053
; FILING DATE: 21-NOV-1989
; APPLICATION NUMBER: 399,728
; FILING DATE: 28-AUG-1989
; SEQ ID NO: 14
; LENGTH: 21
5166057-14
```

```
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 908 ACGTGAAACTGTTCTCTGTT 926
Db 2 ACGAGGAAATGTTCTCTGTT 20
```

```
RESULT 378
; Sequence 319, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NP-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
```

TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 319:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-319

Query Match 0.8%; Score 14; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 2.2e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 538 CCCATCTTGACAA 551
||||:|||||
Db 1 CCCAUUUUGACAA 14

RESULT 379
US-08-985-162-277/c
; Sequence 277, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:

; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997

; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997

; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 277:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-277

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1367 TTGATAGCGACGG 1380
|||||
Db 17 TTGATAGCGACGG 4

RESULT 380
US-08-985-162-278/c
; Sequence 278, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997

; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997

; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 278:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-278

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1366 CTTGATAGCGACGG 1379
|||||
Db 14 CTTGATAGCGACGG 1

RESULT 381
US-08-584-040-4187
; Sequence 4187, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stancincomb, Dan T.
; APPLICANT: Escobedo, Jaime

```

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4187:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-4187

```

```

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. NO. 2.7e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

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Qy 819 GGAGAAGTCCTCA 832
Db 1 GGAGAAGUCCUCA 14

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RESULT 382
US-08-584-040-7661
; Sequence 7661, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California

```

```

; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7661:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7661

```

```

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. NO. 2.7e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1033 GACTTGGCCTGGC 1046
Db 4 GACUUGGCCUGGC 17

```

```

RESULT 383
US-08-584-040-7677
; Sequence 7677, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514

```

```
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7677:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7677

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.7e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAAG 552
Db 3 CCAUCUUUGACAAG 16

RESULT 384
US-08-584-040-7678
; Sequence 7678, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7678:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7677
```

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7678
```

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.7e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAAG 552
Db 2 CCAUCUUUGACAAG 15

```
RESULT 385
US-09-371-772B-1954
; Sequence 1954, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1954
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-1954
```

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2.7e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 819 GGAGAAGTCCCTCA 832
Db 1 GGAGAAGUCCCUCA 14

```
RESULT 386
US-09-371-772B-3450
; Sequence 3450, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
```

; SEQ ID NO 3450
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3450

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.7e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTGGCCTGGC 1046
|||:|||||
Db 4 GACUUGCCUGGC 17

RESULT 387

US-09-371-772B-3462
; Sequence 3462, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3462
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3462

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.7e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAG 552
|||:|||||
Db 3 CCAUCUUGACAAG 16

RESULT 388

US-09-371-772B-3463
; Sequence 3463, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3463

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3463

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.7e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAG 552
|||:|||||
Db 2 CCAUCUUGACAAG 15

RESULT 389

US-09-371-772B-6817
; Sequence 6817, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6817
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6817

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.7e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1701 CTCTCTGCTTACCT 1714
|:|:|:|:|:|:
Db 4 CUCUCUGCCUACCU 17

RESULT 390

US-09-371-772B-6818
; Sequence 6818, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6818
; LENGTH: 17

Qy	1367	TTGATAGCGCGG	1380	;	TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
				;	FILE REFERENCE: MDHMORF-8
				;	CURRENT APPLICATION NUMBER: US/09/827,998
Db	17	TTGATAGCGCGG	4	;	CURRENT FILING DATE: 2001-04-06


```

; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 541
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-541

Query Match      0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 287 AACTTCGTTCTGCA 300
Db 4 AACTTCGTTCTGCA 17

RESULT 394
US-09-827-998-542
; Sequence 542, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 542
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-542

Query Match      0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 287 AACTTCGTTCTGCA 300
Db 3 AACTTCGTTCTGCA 16

RESULT 395
US-09-213-767-9
; Sequence 9, Application US/09213767
; Patent No. 5948680
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
; FILE REFERENCE: RTS-0024
; CURRENT APPLICATION NUMBER: US/09/213,767
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

```

```

US-09-213-767-9

Query Match      0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 232 GGTGGTGGTGGCGG 245
Db 1 GGTGGTGGTGGCGG 14

RESULT 396
US-08-584-040-4492
; Sequence 4492, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4492:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-4492

Query Match      0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 64.3%; Pred. No. 3e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Qy 1701 CTCTCTGCTACCT 1714
Db 2 CUCUCGCCUACCU 15

RESULT 397

```

```
US-09-371-772B-2205
; Sequence 2205, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2205
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2205

Query Match      0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 64.3%; Pred. No. 3e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1701 CTCCTGCGCTACTT 1714
Db 2 CUCUCUGCCUACCU 15

RESULT 398
US-09-696-791-203
; Sequence 203, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 203
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-203

Query Match      0.8%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 922 CTGTTCCAGTGCT 935
Db 6 CTGTTCCAGTGCT 19

RESULT 399
US-09-953-318-143/c
; Sequence 143, Application US/09953318
; Patent No. 6710174
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
```

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0232
; CURRENT APPLICATION NUMBER: US/09/953,318
; CURRENT FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 143
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-318-143

Query Match      0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAG 552
Db 18 CCATCTTTGACAAG 5

RESULT 400
US-09-574-779B-14
; Sequence 14, Application US/09574779B
; Patent No. 6767720
; GENERAL INFORMATION:
; APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOL
; TITLE OF INVENTION: No. 6767720el cDNAs encoding catenin-binding proteins with
; TITLE OF INVENTION: function in signalling and/or gene regulation
; FILE REFERENCE: 2676-4415US
; CURRENT APPLICATION NUMBER: US/09/574,779B
; CURRENT FILING DATE: 2000-05-19
; PRIOR APPLICATION NUMBER: 99201543.8
; PRIOR FILING DATE: 1999-05-17
; NUMBER OF SEQ ID NOS: 158
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer FVR293F
US-09-574-779B-14

Query Match      0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 877 GATGACTGTGGGAA 890
Db 5 GATGACTGTGGGAA 18

RESULT 401
US-09-574-779B-25
; Sequence 25, Application US/09574779B
; Patent No. 6767720
; GENERAL INFORMATION:
; APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOL
; TITLE OF INVENTION: No. 6767720el cDNAs encoding catenin-binding proteins with
; TITLE OF INVENTION: function in signalling and/or gene regulation
; FILE REFERENCE: 2676-4415US
; CURRENT APPLICATION NUMBER: US/09/574,779B
; CURRENT FILING DATE: 2000-05-19
; PRIOR APPLICATION NUMBER: 99201543.8
; PRIOR FILING DATE: 1999-05-17
; NUMBER OF SEQ ID NOS: 158
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer FVR463F
US-09-574-779B-25

Query Match 0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 877 GATGACTGTGGGAA 890
|||||
Db 2 GATGACTGTGGGAA 15

RESULT 402
US-09-899-440-3/c
; Sequence 3, Application US/09899440
; Patent No. 6770753
; GENERAL INFORMATION:
; APPLICANT: Stein, Cy
; TITLE OF INVENTION: PHOSPHOROTHIOATE ANTISENSE HEPARANASE OLIGONUCLEOTIDES
; FILE REFERENCE: 0575/63180
; CURRENT APPLICATION NUMBER: US/09/899,440
; CURRENT FILING DATE: 2001-07-05
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1..1)
; OTHER INFORMATION: antisense oligonucleotide LB55
US-09-899-440-3

Query Match 0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCCTGGGG 286
|||||
Db 14 TGCTGCTCCTGGGG 1

RESULT 403
US-09-435-739-17/c
; Sequence 17, Application US/09435739
; Patent No. 6664105
; GENERAL INFORMATION:
; APPLICANT: Pecker, Itis
; APPLICANT: Vlodyavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; FILE REFERENCE: 00/20454
; CURRENT APPLICATION NUMBER: US/09/435,739
; CURRENT FILING DATE: 2001-06-05
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-435-739-17

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCCTGGGG 286

Db 14 TGCTGCTCCTGGGG 1
|||||

RESULT 404
US-09-032-438C-24
; Sequence 24, Application US/09032438C
; Patent No. 6713300
; GENERAL INFORMATION:
; APPLICANT: Rattner, Amir
; APPLICANT: Sun, Hui
; APPLICANT: Lupski, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Anderson, Kent L.
; APPLICANT: Leppert, Mark
; APPLICANT: Dean, Michael
; APPLICANT: Singh, Nanda
; APPLICANT: Shroyer, No. 6713300h F.
; APPLICANT: Smallwood, Philip M.
; APPLICANT: Allikmets, Rando
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin

; TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette
; TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify
; FILE REFERENCE: BYLR-0065
; CURRENT APPLICATION NUMBER: US/09/032,438C
; CURRENT FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: US 60/039,388
; PRIOR FILING DATE: 1997-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24
; LENGTH: 21
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-09-032-438C-24

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 AGGAGATCAGACTG 717
|||||
Db 8 AGGAGATCAGACTG 21

RESULT 405
US-09-657-472-1323/c
; Sequence 1323, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1323

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; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1323

Query Match          0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 87.5%; Pred. No. 4e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 1; Gaps 0;

QY 153 GCTGTCAATGACACTC 168
Db 17 GCTGCCRATGACACTC 2

RESULT 406
US-09-657-472-1669
; Sequence 1669, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1669
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1669

Query Match          0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 87.5%; Pred. No. 4e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 1; Gaps 0;

QY 849 CTTGGACAAGGACCTG 864
Db 6 CTTGGCAAGTACTGT 21

RESULT 407
US-09-988-113-17/c
; Sequence 17, Application US/09988113
; Patent No. 6790658
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 01/22781
; CURRENT APPLICATION NUMBER: US/09/988,113
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: US 09/776,874
; PRIOR FILING DATE: 2001-02-06
; PRIOR APPLICATION NUMBER: US09/258,892
; PRIOR FILING DATE: 1999-03-01
; PRIOR APPLICATION NUMBER: PCT/US98/17954
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: US 09/109,386
; PRIOR FILING DATE: 1998-07-02
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; PRIOR APPLICATION NUMBER: US 08/922,170
; PRIOR FILING DATE: 1997-09-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-988-113-17

Query Match          0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TCTGCTCTCTGGGG 286
Db 14 TCTGCTCTCTGGGG 1

RESULT 408
US-08-166-664-7/c
; Sequence 7, Application US/08166664
; Patent No. 5646020
; GENERAL INFORMATION:
; APPLICANT: James A. McSwiggen
; APPLICANT: J. Anthony Mamone
; TITLE OF INVENTION: HAMMERHEAD RIBOZYMES FOR
; TITLE OF INVENTION: PREFERRED TARGETS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/166,664
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/884,074
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 197/062
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-166-664-7

Query Match          0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1350 GAGCCACGACCCCGAC 1366
Db 17 GACCCACGACCCCGAC 1
```

```
RESULT 409
US-08-373-124A-942/c
; Sequence 942, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373.124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 942:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-942

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 672 AAGCAAGCTCACAGACA 688
Db 17 AAGCAAGCTAACAGAAA 1

RESULT 410
US-08-486-408-10
; Sequence 10, Application US/08486408
; Patent No. 5716846
; GENERAL INFORMATION:
; APPLICANT: Brown, Steven Joel
; APPLICANT: Dattagupta, Nanibhushan
```

```
; APPLICANT: Naidu, Yathi M.
; TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR
; TITLE OF INVENTION: PROLIFERATION USING ANTISENSE OLIGONUCLEOTIDES TO INTERLEUKIN-6
; TITLE OF INVENTION: mrna
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Gen-Probe Incorporated
; STREET: 9880 Campus Point Drive
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486.408
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Fisher, Carlos A
; REGISTRATION NUMBER: 36,510
; REFERENCE/DOCKET NUMBER: C81009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-535-2807
; TELEFAX: 619-546-7929
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-486-408-10

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1596 GGTGGACACCGATTCT 1612
Db 1 GGTGGACACCTCGTCT 17

RESULT 411
US-08-435-628-942/c
; Sequence 942, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
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COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 942:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-942

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 672 AGCAAGCTCAGACACA 688
DB 17 AAGCAAGCTAAGACAAA 1

RESULT 412
US-08-292-620A-1682
Sequence 1682, Application US/08292620A
Patent No. 5837542

GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1682:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1682

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 3.1e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 272 GTGCTGCTCTCTGGGAA 288
DB 1 GUGCUGCUCGUGGGAA 17

RESULT 413

US-08-975-570-10
Sequence 10, Application US/08975570
Patent No. 5945336
GENERAL INFORMATION:
APPLICANT: Brown, Steven Joel
APPLICANT: Dattagupta, Nanibhushan
APPLICANT: Naidu, Yathi M.
TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR
TITLE OF INVENTION: PROLIFERATION USING ANTISENSE OLIGONUCLEOTIDES TO INTERLEUKIN
TITLE OF INVENTION: mrna
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Gen-Probe Incorporated
STREET: 9880 Campus Point Drive
CITY: San Diego
STATE: CA
COUNTRY: USA
ZIP: 92121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/975,570
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/486,408
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Fisher, Carlos A.
REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CBI009
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807

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; TELEFAX: 619-546-7929
;
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-975-570-10

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.1e-02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1596 GGTGGACACCGAGTTCT 1612
Db 1 GGTGGACACCTCGTTCT 17

RESULT 414
US-09-071-845-1682
; Sequence 1682, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1682:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-09-071-845-1682
; Sequence 4222, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4222:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-584-040-4222
Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 3.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1035 CTTGGCCTCGCCGAG 1051
Db 1 CUUUGGCUUGGCCCGG 17
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RESULT 416
US-09-371-772B-1989
; Sequence 1989, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH900.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1989
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1989

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 3.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1035 CTTTGGCCTGGCCGAG 1051
Db 1 CUUUGGCUUGGCCCGG 17

RESULT 417
US-09-827-998-575
; Sequence 575, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDH0RF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 575
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-575

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGAGAGGCTCAAG 1026
Db 1 AGAGGGAGAGGCTCAAG 17

RESULT 418
US-09-827-998-576
; Sequence 576, Application US/09827998
; Patent No. 6656700
```

```
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDH0RF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 576
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-576

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1011 GAGGGAGAGGCTCAAGC 1027
Db 1 GAGGGAGAGGCTCAAGC 17

RESULT 419
US-09-866-108A-1526/c
; Sequence 1526, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1526
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
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US-09-866-108A-1526

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 986 AGCCCGAAGCTGCTC 1002
||||| |||||
Db 17 AGCCCATCACTGCTC 1

RESULT 420

US-09-866-108A-6795/c
; Sequence 6795, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, Wensheng
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 6795

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-6795

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 553 CCCCTCAGCCCGCCT 569
||||| |||||
Db 17 CCCACAGCCACCGCT 1

RESULT 421

US-09-866-108A-6796/c
; Sequence 6796, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 6796

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-6796

Query Match 0.8%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 3.1e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 552 GCCCTCAGCCCGCCT 568

||||| |||||

Db 17 GCCCACAGCCACCGCT 1

RESULT 422

US-09-866-108A-8045

; Sequence 8045, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8045
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8045

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 127 GATCGGATGAAGAGAT 143
DB 1 GAGCGGATGAAGCAGAT 17

RESULT 423
US-09-866-108A-10010
; Sequence 10010, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10010
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10010

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 127 GATCGGATGAAGAGAT 143
DB 1 GAGCGGATGAAGCAGAT 17
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; ORGANISM: Homo sapiens
US-09-866-108A-10010

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 386 CGTCTCGGATGAGGTG 402
DB 1 CGTCTCGGAGCGGTG 17

RESULT 424
US-09-866-108A-10664/c
; Sequence 10664, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10664
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10664

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1026 GCTGGCTGACTTTGGCC 1042
DB 17 GCTGGCTGCTCTGGCC 1

RESULT 425
US-09-404-912-554
; Sequence 554, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
```

APPLICANT: David Houseman
APPLICANT: Barbara Jordan
APPLICANT: Alain Charest
TITLE OF INVENTION: Methods and Products Related to
TITLE OF INVENTION: Genotyping and DNA Analysis
FILE REFERENCE: M0656/7045(HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/404,912
CURRENT FILING DATE: 1999-09-24
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22283
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 691
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 554
LENGTH: 17
TYPE: DNA
ORGANISM: Homo Sapiens
US-09-404-912-554

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1112 CTGACATCCTGCTGGG 1128
|||||
Db 1 CTGACATACGCTTAGG 17

RESULT 426

US-09-256-496-10/c
Sequence 10, Application US/09256496
Patent No. 5998206
GENERAL INFORMATION:

APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-12 EXPRESSION
FILE REFERENCE: RTS-0056
CURRENT APPLICATION NUMBER: US/09/256,496
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 86
SEQ ID NO 10
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-496-10

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 555 CCTCAGCGCGGCTCC 571
|||||
Db 18 CCTCAGCGGCTGCTGC 2

RESULT 427

US-08-009-263C-32/c
Sequence 32, Application US/08009263C
Patent No. 5442049
GENERAL INFORMATION:

APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
TITLE OF INVENTION: Oligonucleotides for Modulating the
TITLE OF INVENTION: Effects of Cytomegalovirus Infections
NUMBER OF SEQUENCES: 88
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5442049ris
STREET: One Liberty Place -- 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA

ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/009,263C
FILING DATE: January 25, 1993
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 927,506
FILING DATE: No. 5442049ember 19, 1992
ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0844
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES

US-08-009-263C-32

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 133 ATGAAGAAGATCAAAACG 149
|||||
Db 18 AAGAAGAAGAGCAAAACG 2

RESULT 428

US-09-205-922-40/c
Sequence 40, Application US/09205922
Patent No. 5951455
GENERAL INFORMATION:

APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION
FILE REFERENCE: RTS-0030
CURRENT APPLICATION NUMBER: US/09/205,922
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 40
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-922-40

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 512 ACCTGGAGAAGCTGACC 528
|||||
Db 17 ACCTGGAGAAGGTGACC 1

RESULT 429

US-09-197-008-19/c
Sequence 19, Application US/09197008
Patent No. 5977341
GENERAL INFORMATION:

```
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-BETA EXPRESSION
; FILE REFERENCE: RTS-0019
; CURRENT APPLICATION NUMBER: US/09/197,008
; CURRENT FILING DATE: 1998-11-20
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-197-008-19

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 831 CACCCTTGCTTTGAGT 847
Db 17 CACCCTGGCCTTTGAGT 1

RESULT 430
US-08-956-242-10
; Sequence 10, Application US/08956242C
; Patent No. 5986081
; GENERAL INFORMATION:
; APPLICANT: Ganetzky, Barry S.
; APPLICANT: Titus, Steven A.
; TITLE OF INVENTION: Polynucleotides Encoding Herg-3
; FILE REFERENCE: 960296.94550
; CURRENT APPLICATION NUMBER: US/08/956,242C
; CURRENT FILING DATE: 1997-10-22
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-08-956-242-10

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 930 GCTGCTCCGCTGGCTGG 946
Db 2 GCTGCTCCGCTGGCTGG 18

RESULT 431
US-09-256-496-9/c
; Sequence 9, Application US/09256496
; Patent No. 5998206
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-12 EXPRESSION
; FILE REFERENCE: RTS-0056
; CURRENT APPLICATION NUMBER: US/09/256,496
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-496-9
```

```
Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 GCCCCTCAGCCGCCGCC 568
Db 17 GACCCTCAGCCGCCGCC 1

RESULT 432
US-09-339-993-44/c
; Sequence 44, Application US/09339993A
; Patent No. 6040179
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-12 EXPRESSION
; FILE REFERENCE: RTS-0064
; CURRENT APPLICATION NUMBER: US/09/339,993A
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-993-44

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1636 AGCGAGCGCTGGAGGG 1652
Db 17 AGGCTCGCTGGAGGG 1

RESULT 433
US-09-351-215-10
; Sequence 10, Application US/09351215
; Patent No. 6087488
; GENERAL INFORMATION:
; APPLICANT: Ganetzky, Barry S.
; APPLICANT: Titus, Steven A.
; TITLE OF INVENTION: Polynucleotides Encoding Herg-3
; FILE REFERENCE: 960296.94550
; CURRENT APPLICATION NUMBER: US/09/351,215
; CURRENT FILING DATE: 1999-07-12
; EARLIER APPLICATION NUMBER: 08/956,242
; EARLIER FILING DATE: 1997-10-22
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-09-351-215-10

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 930 GCTGCTCCGCTGGCCTGG 946
Db 2 GCTGCTCCGCTGGCCTGG 18

RESULT 434
US-09-289-466-52/c
```

; Sequence 52, Application US/09289466A
; Patent No. 6124272
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: RTS-0060
; CURRENT APPLICATION NUMBER: US/09/289,466A
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 52
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-52

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 812 TCCACGCGAGAGTCC 828
Db 17 TGCTCAGGAGAGTCC 1

RESULT 435

US-08-838-715B-32/c
; Sequence 32, Application US/08838715B
; Patent No. 6153595
; GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kisner, Anderson
; TITLE OF INVENTION: Composition and Method for Treatment
; TITLE OF INVENTION: of CMV Infection
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,715B
; FILING DATE: April 9, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/568,366
; FILING DATE: 8/16/90
; APPLICATION NUMBER: 07/927,506
; FILING DATE: 11/19/92
; APPLICATION NUMBER: 08/009,263
; FILING DATE: 1/25/93
; APPLICATION NUMBER: 08/233,711
; FILING DATE: 4/26/94
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0204
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-838-715B-32

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 133 ATGAAGAAGATCAAAACG 149
Db 18 AAGAAGAAGAGCAAAACG 2

RESULT 436

US-09-025-701-3
; Sequence 3, Application US/09025701
; Patent No. 6262337
; GENERAL INFORMATION:
; APPLICANT: VON EULER, Gabriel
; APPLICANT: AASE, Karin
; APPLICANT: BETSHOLTZ, Christer
; APPLICANT: ERIKSSON, Ulf
; APPLICANT: PEKRY, Milos
; APPLICANT: GEBRE-MEDHIN, Samuel
; APPLICANT: LI, Xuri
; TITLE OF INVENTION: TRANSGENIC ANIMAL WITH RECOMBINANT
; TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR B (VEGF-B) DNA AND USES
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Evenson, McKeown, Edwards & Lenahan, P.L.L.C.
; STREET: 1200 G Street, N.W., Suite 700
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/09/025,701
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/038,202
; FILING DATE: 18-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: EVANS, Joseph D
; REGISTRATION NUMBER: 26,269
; REFERENCE/DOCKET NUMBER: 1064/43342
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-8800
; TELEFAX: (202) 628-8844
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-025-701-3

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 47 GACGACGAGTGTGACTG 63
Db 1 GCCCAGCTGTGTGACTG 17

10017621-3sl.rni

US-08-584-040-6244

Sequence 6244, Application US/08584040

Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL GROWTH FACTOR

TITLE OF INVENTION: GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

SUITE: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 6244:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-6244

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 18;

Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGGCCCG 1049

Db 1 GACUUCGGCUUGGCCCG 17

RESULT 439

US-09-640-198D-22

Sequence 22, Application US/09640198D

Patent No. 6586411

GENERAL INFORMATION:

APPLICANT: Russell, Stephen

APPLICANT: Kay Whye, Peng

TITLE OF INVENTION: System for Monitoring the Location of Transgenes

TITLE OF INVENTION: Transgenes

FILE REFERENCE: 07039-295001

CURRENT APPLICATION NUMBER: US/09/640,198D

CURRENT FILING DATE: 2000-08-16

PRIOR APPLICATION NUMBER: US 60/149,168

PRIOR FILING DATE: 1999-08-17

NUMBER OF SEQ ID NOS: 34

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 22

LENGTH: 18

TYPE: DNA

ORGANISM: Homo Sapiens

US-09-640-198D-22

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 18;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1723 CATGTTCACTGCGCCAC 1739

Db 1 CATGTTCACTGCGCTAC 17

RESULT 440

US-09-639-667-18

Sequence 18, Application US/09639667

Patent No. 6632800

GENERAL INFORMATION:

APPLICANT: Russell, Stephen James

APPLICANT: Peng, Kah Whye

TITLE OF INVENTION: SYSTEM FOR MONITORING THE EXPRESSION OF TRANSGENES

TITLE OF INVENTION: TRANSGENES

FILE REFERENCE: 07039-292001

CURRENT APPLICATION NUMBER: US/09/639,667

CURRENT FILING DATE: 2001-06-04

PRIOR APPLICATION NUMBER: 60/149,168

PRIOR FILING DATE: 1999-08-17

NUMBER OF SEQ ID NOS: 31

SOFTWARE: FastSeq for Windows Version 4.0

US-08-584-040-6244

Sequence 6244, Application US/08584040

Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL GROWTH FACTOR

TITLE OF INVENTION: GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

SUITE: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 6244:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-6244

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 18;

Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGGCCCG 1049

Db 1 GACUUCGGCUUGGCCCG 17

RESULT 438

US-09-371-772B-3004

Sequence 3004, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: cleavage signal
US-09-639-667-18

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1723 CATGTTCCACCTGCCAC 1739
| | | | | | | | | | | | | | | | | |
Db 1 CATGTTCCATCTGCTAC 17

RESULT 441

US-09-747-391-127/c
; Sequence 127, Application US/09747391
; Patent No. 6670124
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonai, Richard
; APPLICANT: StemCyt, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/09/747,391
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 127
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-747-391-127

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 503 CTGAGGGCTACCTGGAG 519
| | | | | | | | | | | | | | | | | |
Db 18 CTGAGGCTACTCTGGAG 2

RESULT 442

US-09-696-791-4273
; Sequence 4273, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4273
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Hammerhead ribozyme recognition site for cdc 2 kinase
US-09-696-791-4273

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1036 TTTCGCTGGCCGAGC 1052
| | | | | | | | | | | | | | | | | |
Db 1 TTTCGCTTGCCAGAC 17

RESULT 443

US-08-009-263C-31/c
; Sequence 31, Application US/08009263C
; Patent No. 5442049
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
; TITLE OF INVENTION: Oligonucleotides for Modulating the
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5442049ris
; STREET: One Liberty Place -- 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/009,263C
; FILING DATE: January 25, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 927,506
; FILING DATE: No. 5442049ember 19, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0844
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-009-263C-31

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 133 ATGAAGAAGATCAACG 149
| | | | | | | | | | | | | | | | | |
Db 18 AAGAAGAAGACCAACG 2

RESULT 444

US-08-400-580A-11
; Sequence 11, Application US/08400580A
; Patent No. 5693501
; GENERAL INFORMATION:
; APPLICANT: Lee, Chao-Hung
; APPLICANT: Jiang, Bingdong
; TITLE OF INVENTION: Compounds and Methods To Determine
; TITLE OF INVENTION: Presence of Histoplasma Capsulatum
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
US-08-400-580A-11

ADDRESSEE: Kristine H. Johnson
STREET: 123 No. 5693501th College Ave, Ste 213
CITY: Fort Collins
STATE: CO
COUNTRY: USA
ZIP: 80524
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/400,580A
FILING DATE: 08-MAR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Johnson, Kristine H.
REGISTRATION NUMBER: 36,835
REFERENCE/DOCKET NUMBER: P-1011
TELEPHONE: (970) 472-9650
TELEFAX: (970) 472-9655
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
US-08-400-580A-11

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 622 AAGCTGGACAAACTGG 638
|||||
Db 1 AAGCTGTCAACTGG 17

RESULT 445
US-08-838-715B-31/c
; Sequence 31, Application US/08838715B
; Patent No. 6153595
; GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kisner, Anderson
; TITLE OF INVENTION: Composition and Method for Treatment
; TITLE OF INVENTION: of CMV Infection
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,715B
FILING DATE: April 9, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/568,366
FILING DATE: 8/16/90
APPLICATION NUMBER: 07/927,506
FILING DATE: 11/19/92
APPLICATION NUMBER: 08/009,263
FILING DATE: 1/25/93
APPLICATION NUMBER: 08/233,711

FILING DATE: 4/26/94
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0204
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-838-715B-31

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 ATGAAGAAGATCAACG 149
|||||
Db 18 AAGAAGAGAGCAACG 2

RESULT 446
US-09-780-173A-5/c
; Sequence 5, Application US/09780173A
; Patent No. 6455307
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION
; FILE REFERENCE: RTS-0165
; CURRENT APPLICATION NUMBER: US/09/780,173A
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-780-173A-5

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1364 GACTTGATAGCGACGG 1380
|||||
Db 17 GACTGGAAGCGACGG 1

RESULT 447
US-09-696-791-20
; Sequence 20, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 20


```
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk1 ribozyme binding site
US-09-696-791-20

Query Match      0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1138 TACTCCATCTCAGTTGA 1154
Db 1 TACTCCACTCAGAAAGA 17

RESULT 448
US-09-696-791-225
; Sequence 225, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 225
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-225

Query Match      0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1022 TCAAGCTGGCTGACTTT 1038
Db 3 TCAAGTAGCAGACTTT 19

RESULT 449
US-09-696-791-315
; Sequence 315, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 315
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-315

Query Match      0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

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Qy 760 TCCCTGCTCAAGGACCT 776
Db 2 TCGTGTCTCAAGGACT 18

RESULT 450
US-09-696-791-334
; Sequence 334, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 334
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-334

Query Match      0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 919 TTCCTGTTCACAGCTGCT 935
Db 3 TACCTCTTCCAGCTGCT 19

RESULT 451
US-09-696-791-335
; Sequence 335, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 335
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-335

Query Match      0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 919 TTCCTGTTCACAGCTGCT 935
Db 2 TACCTCTTCCAGCTGCT 18

RESULT 452
US-09-696-791-460
; Sequence 460, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
```

```
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 460
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk4 ribozyme binding site
US-09-696-791-460

Query Match      0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 973 CACCGAGACCTCAAGCC 989
      ||||| |||||
Db 1 CACCGAGATCTGAAGCC 17

RESULT 453
US-09-696-791-473
; Sequence 473, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 473
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk4 ribozyme binding site
US-09-696-791-473

Query Match      0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1090 GTGACACTGTGTACCG 1106
      ||||| |||||
Db 2 GTTACACTGTGTACCG 18

RESULT 454
US-09-696-791-606
; Sequence 606, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 606
; LENGTH: 19
; TYPE: DNA
```

```
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk6 ribozyme binding site
US-09-696-791-606

Query Match      0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1159 TGGGTGTGGCTGCAT 1175
      ||||| |||||
Db 2 TGGAGTGTGGCTGCAT 18

RESULT 455
US-09-696-791-2009
; Sequence 2009, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2009
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D3 ribozyme binding site
US-09-696-791-2009

Query Match      0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 272 GTGCTGCTCTGGGAA 288
      ||||| |||||
Db 2 GTGCTGCTCTAGGAA 18

RESULT 456
US-07-941-370-1/c
; Sequence 1, Application US/07941370
; Patent No. 5316948
; GENERAL INFORMATION:
; APPLICANT: Pless, Reynaldo C.
; TITLE OF INVENTION: N4-Methyl-2'-deoxycytidine
; TITLE OF INVENTION: 5'-triphosphate and its Use in Polymerase-Catalyzed
; TITLE OF INVENTION: Nucleic Acid Syntheses
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Greenlee and Winner
; STREET: 5370 Manhattan Circle, Suite 201
; CITY: Boulder
; STATE: CO
; COUNTRY: USA
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/941,370
; FILING DATE: 19920904
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenlee, Lorraine L.
```

REGISTRATION NUMBER: 27,894
REFERENCE/DOCKET NUMBER: 39-92
TELEPHONE: 303/499-8080
TELEFAX: 303/499-8089
TELEX: 823189
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-941-370-1

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1308 CAAGACATACCACTACC 1324
Db 17 CAAGACATACATCGACC 1

RESULT 457
US-08-390-256-3/c
Sequence 3, Application US/08390256
Patent No. 5538871
GENERAL INFORMATION:
APPLICANT: Gerard J. Nuovo et al.
TITLE OF INVENTION: IMPROVEMENTS IN THE IN SITU POLYMERASE
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cetus Corporation
STREET: 1400 Fifty-Third Street
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: 94608
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.5
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,256
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/733,419
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kevin R. Kaster
REGISTRATION NUMBER: 32,704
REFERENCE/DOCKET NUMBER: 2614
TELEPHONE: (415) 420-3444
TELEFAX: (415) 658-5470
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other Nucleic Acid
US-08-390-256-3

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1308 CAAGACATACCACTACC 1324

Db 19 CAAGACATACATCGACC 3

RESULT 458
US-08-146-422-30/c
Sequence 30, Application US/08146422
Patent No. 5543576
GENERAL INFORMATION:
APPLICANT: VAN OOIJEN, ALBERT J. J.
APPLICANT: RIETVELD, KRION
APPLICANT: HOEKEMA, ANDREAS
APPLICANT: PEN, JAN
APPLICANT: SIJMONS, PETER C.
APPLICANT: VERWOERD, TEUNIS C.
APPLICANT: QUAK, WILHEMUS J.
TITLE OF INVENTION: PRODUCTION OF ENZYMES IN SEEDS AND THEIR
TITLE OF INVENTION: USE
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/146,422
FILING DATE: 02-NOV-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: KENNEDY, BILL
REGISTRATION NUMBER: 33,407
REFERENCE/DOCKET NUMBER: 44615-20011.23
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-146-422-30

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 115 CCGATCCCATGGATCG 131
Db 20 CAGATCTCCATGGATCG 4

RESULT 459
US-08-146-424-31/c
Sequence 31, Application US/08146424
Patent No. 5593963
GENERAL INFORMATION:
APPLICANT: VAN OOIJEN, ALBERT J. J.
APPLICANT: RIETVELD, KRION
APPLICANT: HOEKEMA, ANDREAS
APPLICANT: PEN, JAN
APPLICANT: SIJMONS, PETER C.
APPLICANT: VERWOERD, TEUNIS C.
TITLE OF INVENTION: THE EXPRESSION OF PHYTASE IN PLANTS
NUMBER OF SEQUENCES: 31

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/146,424
; FILING DATE: 02-NOV-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: KENNEDY, BILL
; REGISTRATION NUMBER: 33,407
; REFERENCE/DOCKET NUMBER: 44615-20011.24
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-146-424-31

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 115 CCGATCGCCATGATCG 131
Db 20 CAGATCTCCATGATCG 4

RESULT 460
US-08-221-465-1/c
; Sequence 1, Application US/08221465
; Patent No. 5683896
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Berninger, Mark
; TITLE OF INVENTION: Process for Controlling Contamination of
; TITLE OF INVENTION: Nucleic Acid Amplification Reactions
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein and Fox
; STREET: 1225 Connecticut Avenue
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,465
; FILING DATE: 01-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: US/08/079,835
; FILING DATE:
; APPLICATION NUMBER: US 07/728,874
; FILING DATE: 12-JUL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Esmond, Robert W.
; REGISTRATION NUMBER: 32,893
; REFERENCE/DOCKET NUMBER: 0942.2160004
; TELEPHONE: (202) 833-7533
; TELEFAX: (202) 833-8716
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
; US-08-221-465-3

; NAME: Esmond, Robert W.
; REGISTRATION NUMBER: 32,893
; REFERENCE/DOCKET NUMBER: 0942.2160004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 833-7533
; TELEFAX: (202) 833-8716
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
; MOLECULE TYPE: DNA
; US-08-221-465-1

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1308 CAAGACATACACTACC 1324
Db 17 CAAGACATACATCGACC 1

RESULT 461
US-08-221-465-3/c
; Sequence 3, Application US/08221465
; Patent No. 5683896
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Berninger, Mark
; TITLE OF INVENTION: Process for Controlling Contamination of
; TITLE OF INVENTION: Nucleic Acid Amplification Reactions
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein and Fox
; STREET: 1225 Connecticut Avenue
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,465
; FILING DATE: 01-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: US/08/079,835
; FILING DATE:
; APPLICATION NUMBER: US 07/728,874
; FILING DATE: 12-JUL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Esmond, Robert W.
; REGISTRATION NUMBER: 32,893
; REFERENCE/DOCKET NUMBER: 0942.2160004
; TELEPHONE: (202) 833-7533
; TELEFAX: (202) 833-8716
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
; US-08-221-465-3

```
Qy 1308 CAAGACATACACTACC 1324
Db 17 CAAGACATACATCGACC 1

RESULT 462
US-08-212-188-10/c
; Sequence 10, Application US/08212188
; Patent No. 5689039
; GENERAL INFORMATION:
; APPLICANT: BECKER, JEFFREY M.
; APPLICANT: STACEY, GARY
; TITLE OF INVENTION: PLANT PEPTIDE TRANSPORT GENE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVE., N.W.
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: US
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/212,188
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: AUERBACH, JEFFREY I
; REGISTRATION NUMBER: 32,680
; REFERENCE/DOCKET NUMBER: 7493-006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ORGANISM: Arabidopsis thaliana
; US-08-212-188-10

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6 GCAGCGTAAAGATGGA 22
Db 20 GCAGCGTAAATCATGGA 4

RESULT 463
US-08-626-554-13/c
; Sequence 13, Application US/08626554
; Patent No. 5714474
; GENERAL INFORMATION:
; APPLICANT: VAN OOLJEN, ALBERT J.J.
; APPLICANT: RIETVELD, KRIG
; APPLICANT: HOEKEMA, ANDREAS
; APPLICANT: PEN, JAN
; APPLICANT: SIJMONS, PETER C.
; APPLICANT: VERWOERD, TEUNIS C.
; TITLE OF INVENTION: PRODUCTION OF ENZYMES IN SEEDS AND THEIR
; TITLE OF INVENTION: USE

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 115 CCGATCGCATGATCG 131
Db 20 CAGATCTCCATGATCG 4

RESULT 464
US-08-693-709-14/c
; Sequence 14, Application US/08693709
; Patent No. 5770413
; GENERAL INFORMATION:
; APPLICANT: VAN OOLJEN, ALBERT J.J.
; APPLICANT: RIETVELD, KRIG
; APPLICANT: HOEKEMA, ANDREAS
; APPLICANT: PEN, JAN
; APPLICANT: SIJMONS, PETER C.
; APPLICANT: VERWOERD, TEUNIS C.
; TITLE OF INVENTION: THE EXPRESSION OF PHYTASE
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/693,709
; FILING DATE: 07-AUG-1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
```

```
; APPLICATION NUMBER: 08/146,424
; FILING DATE: 02-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Muraahige, Kate H
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24615-20011.10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-693-709-14

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 115 CCGATCGCCATGATCG 131
    ||||| ||||| |||||
Db 20 CAGATCTCCATGATCG 4

RESULT 465
US-08-257-963B-13
; Sequence 13, Application US/08257963B
; Patent No. 5840686
; GENERAL INFORMATION:
; APPLICANT: Chader, Gerald J.; Becerra, S.
; APPLICANT: Patricia; Schwartz, Joan P.;
; APPLICANT: Taniwaki, Takayuki
; TITLE OF INVENTION: PIGMENT EPITHELIUM
; TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION OF ITS NOVEL
; TITLE OF INVENTION: BIOLOGICAL ACTIVITY AND SEQUENCES ENCODING
; TITLE OF INVENTION: AND EXPRESSING THE PROTEIN
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morgan & Finnegan
; STREET: 345 Park Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/257,963B
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/952,796
; FILING DATE: 24-SEPT-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: DOROTHY R. AUTH
; REGISTRATION NUMBER: 36434
; REFERENCE/DOCKET NUMBER: 20264126US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 759-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 Base Pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Unknown
; TOPOLOGY: Unknown
; MOLECULE TYPE: Oligonucleotide
```

```
; FEATURE:
; NAME/KEY: 603
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION: primer in a polymerase
; OTHER INFORMATION: chain reaction
;
US-08-257-963B-13

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1631 CCAGCAGCGCAGCGGCTG 1647
    ||||| ||||| |||||
Db 2 CAAGCTGGCAGCGGCTG 18

RESULT 466
US-08-457-273B-13/c
; Sequence 13, Application US/08457273B
; Patent No. 5849995
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael
; APPLICANT: Lin, Biaoyang
; APPLICANT: Nasir, Jamal
; TITLE OF INVENTION: Mouse Model for Huntington's Disease and
; TITLE OF INVENTION: Related DNA Sequences
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Virginia Bennett
; STREET: PO Box 37428
; CITY: Raleigh
; STATE: No. 5849995th Carolina
; COUNTRY: US
; ZIP: 27627
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,273B
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Virginia C.
; REGISTRATION NUMBER: 37,092
; REFERENCE/DOCKET NUMBER: 3477-85A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-854-1400
; TELEFAX: 919-854-1401
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
;
US-08-457-273B-13

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1666 CACAGGGCAGCCCCCAA 1682
    ||||| ||||| |||||
Db 20 CACAGGGCAGCACGCAA 4

RESULT 467
US-08-962-701-1/c
; Sequence 1, Application US/08962701
; Patent No. 5945313
```

```
;
; GENERAL INFORMATION:
; APPLICANT: HARTLEY, JAMES L.
; TITLE OF INVENTION: PROCESS FOR CONTROLLING CONTAMINATION OF
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION REACTIONS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN AND FOX P.L.L.C.
; STREET: 1100 NEW YORK AVE., NW, SUITE 600
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/962,701
; FILING DATE: 03-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/221,465
; FILING DATE: 01-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/633,389
; FILING DATE: 31-DEC-1990
; APPLICATION NUMBER: US 07/401,840
; FILING DATE: 01-SEP-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/360,120
; FILING DATE: 01-JUN-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: FLESHNER, RAZ E.
; REGISTRATION NUMBER: 34,331
; REFERENCE/DOCKET NUMBER: 0942.1140009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; US-08-962-701-1

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1308 CAAGACATACAACTACC 1324
Db 17 CAAGACATACATCGACC 1

RESULT 468
US-08-962-701-3/c
; Sequence 3, Application US/08962701
; Patent No. 5945313
; GENERAL INFORMATION:
; APPLICANT: HARTLEY, JAMES L.
; TITLE OF INVENTION: PROCESS FOR CONTROLLING CONTAMINATION OF
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION REACTIONS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN AND FOX P.L.L.C.
; STREET: 1100 NEW YORK AVE., NW, SUITE 600
; CITY: WASHINGTON
```

```
;
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/962,701
; FILING DATE: 03-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/221,465
; FILING DATE: 01-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/633,389
; FILING DATE: 31-DEC-1990
; APPLICATION NUMBER: US 07/401,840
; FILING DATE: 01-SEP-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/360,120
; FILING DATE: 01-JUN-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: FLESHNER, RAZ E.
; REGISTRATION NUMBER: 34,331
; REFERENCE/DOCKET NUMBER: 0942.1140009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "RNA"
; US-08-962-701-3

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1308 CAAGACATACAACTACC 1324
Db 17 CAAGACATACATCGACC 1

RESULT 469
US-08-962-701-4/c
; Sequence 4, Application US/09018576
; Patent No. 5968800
; GENERAL INFORMATION:
; APPLICANT: Gerhold, David L.
; TITLE OF INVENTION: CYCLIN-DEPENDENT PROTEIN KINASE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000, RY60-30
; CITY: Rahway
; STATE: NJ
; COUNTRY: USA
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/018,576
; FILING DATE:
```

```

; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Hand, J. Mark
; REGISTRATION NUMBER: 36,545
; REFERENCE/DOCKET NUMBER: 19885Y
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 732/594-3905
; TELEFAX: 732/594-4720
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
US-09-018-576-4

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1160 GGGGTGTGGCTGCATC 1176
DB 18 GGTCTGTGGCTGCATC 2

RESULT 470
US-08-837-201C-9
; Sequence 9, Application US/08837201C
; Patent No. 5985558
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia, Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201C
; FILING DATE: April 14, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-837-201C-9
```

```

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 GCCCTCAGCCGCCGCC 568
DB 2 GCCCTCAGCCGCCGCCAC 18

RESULT 471
US-09-248-137-4/c
; Sequence 4, Application US/09248137
; Patent No. 6030788
; GENERAL INFORMATION:
; APPLICANT: Gerhold, David L.
; TITLE OF INVENTION: CYCLIN-DEPENDENT PROTEIN KINASE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000, RY60-30
; CITY: Rahway
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/248,137
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,576
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Hand, J. Mark
; REGISTRATION NUMBER: 36,545
; REFERENCE/DOCKET NUMBER: 19885Y
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 732/594-3905
; TELEFAX: 732/594-4720
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
US-09-248-137-4

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1160 GGGGTGTGGCTGCATC 1176
DB 18 GGTCTGTGGCTGCATC 2

RESULT 472
US-09-344-001-33/c
; Sequence 33, Application US/09344001
; Patent No. 6054440
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUN N-TERMINAL KINASE KINASE-2 EXPRESSION
; FILE REFERENCE: RTS-0067
; CURRENT APPLICATION NUMBER: US/09/344,001
; CURRENT FILING DATE: 1999-06-24
```


; NUMBER OF SEQ ID NOS: 47

; SEQ ID NO 33

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-344-001-33

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 974 ACCGAGACCTCAAGCCC 990

Db 20 ACCGAGCTCAAGCCC 4

RESULT 473

US-08-810-641-3/c

; Sequence 3, Application US/08810641

; Patent No. 6074868

; GENERAL INFORMATION:

; APPLICANT: Blumenfeld, M.

; TITLE OF INVENTION: ALUMINA PLATE METHOD AND DEVICE

; NUMBER OF SEQUENCES: 7

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth, P.A.

; STREET: P.O. Box 2938

; CITY: Minneapolis

; STATE: MN

; COUNTRY: U.S.A

; ZIP: 55402

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSeq Version 2.0

; CURRENT APPLICATION DATA: US/08/810,641

; FILING DATE: 03-MAR-1997

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Embretson, Janet E

; REGISTRATION NUMBER: 39,665

; REFERENCE/DOCKET NUMBER: 600.383US1

; TELEPHONE: 612-373-6900

; TELEFAX: 612-339-3061

; TELEX:

; INFORMATION FOR SEQ ID NO: 3:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cdna

US-08-810-641-3

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1308 CAAGACATACACTACC 1324

Db 19 CAAGACATACACTGACC 3

RESULT 474

US-08-970-725-10/c

; Sequence 10, Application US/08970725

; Patent No. 6080542

; GENERAL INFORMATION:

; APPLICANT: Becker, Jeffrey M.

; TITLE OF INVENTION: PLANT PEPTIDE TRANSPORT GENE

; NUMBER OF SEQUENCES: 14

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: WEISER & ASSOCIATES

; STREET: 230 South Fifteenth Street, Suite 500

; CITY: Philadelphia

; STATE: PA

; COUNTRY: USA

; ZIP: 19102

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA: US/08/970,725

; FILING DATE: 14-NOV-1997

; CLASSIFICATION: 800

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/212,188

; FILING DATE: 16-MAR-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Weiser, Gerard J.

; REGISTRATION NUMBER: 19,763

; REFERENCE/DOCKET NUMBER: 372.6601P

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 215-875-8383

; TELEFAX: 215-875-8394

; INFORMATION FOR SEQ ID NO: 10:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cdna

; HYPOTHETICAL: NO

; ORIGINAL SOURCE:

; ORGANISM: Arabidopsis thaliana

US-08-970-725-10

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6 GCAGCGTAAAGGATGGA 22

Db 20 GCAGCGTAAATCATGGA 4

RESULT 475

US-09-092-077-11

; Sequence 11, Application US/09092077

; Patent No. 6194142

; GENERAL INFORMATION:

; APPLICANT: Moncany, Maurice

; APPLICANT: Montagnier, Luc

; TITLE OF INVENTION: Nucleotide Sequences Derived From The

; TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SRV Type,

; TITLE OF INVENTION: And Their Uses In Particular For The Amplification Of The

; TITLE OF INVENTION: Genomes Of These Retroviruses And For The In Vitro Diagnosis

; TITLE OF INVENTION: Of The Diseases Due To Those Viruses

; NUMBER OF SEQUENCES: 68

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &

; STREET: 1300 I Street, N.W., Suite 700

; CITY: Washington

```
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/092,077
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,928
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/160,465
; FILING DATE: 02-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8912371
; FILING DATE: 20-SEP-1989
; APPLICATION NUMBER: FR 8907354
; FILING DATE: 06-FEB-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 02356.0062-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)408-4400
; TELEFAX: (202)408-4400
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-09-092-077-11

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1703 CTCGCTACCTGCCTG 1719
Db 1 CTCGCTAGCTGCCTG 17

RESULT 476
US-09-092-077-13/c
; Sequence 13, Application US/09092077
; Patent No. 6194142
; GENERAL INFORMATION:
; APPLICANT: Montagnier, Luc
; TITLE OF INVENTION: Nucleotide Sequences Derived From The
; TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,
; TITLE OF INVENTION: And Their Uses In Particular For The Amplification Of The
; TITLE OF INVENTION: Genomes Of These Retroviruses And For The In Vitro Diagnosis
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSER: Dunner
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
```

```
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/092,077
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,928
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/160,465
; FILING DATE: 02-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8912371
; FILING DATE: 20-SEP-1989
; APPLICATION NUMBER: FR 8907354
; FILING DATE: 06-FEB-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 02356.0062-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)408-4400
; TELEFAX: (202)408-4400
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-09-092-077-13

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1703 CTCGCTACCTGCCTG 1719
Db 20 CTCGCTAGCTGCCTG 4

RESULT 477
US-08-983-466-7/c
; Sequence 7, Application US/08983466
; Patent No. 6207372
; GENERAL INFORMATION:
; APPLICANT: SHUBER, ANTHONY P.
; TITLE OF INVENTION: UNIVERSAL PRIMER SEQUENCE FOR MULTIPLEX
; TITLE OF INVENTION: DNA AMPLIFICATION
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: RAE-VENTER LAW GROUP
; STREET: 260 Sheridan Ave., Ste. 440
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/983,466
; FILING DATE: 10-FEB-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/474,450
; FILING DATE: 07-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO96/41012
; FILING DATE: 08-JUNE-1996
; ATTORNEY/AGENT INFORMATION:
```

; NAME: Rae-Venter, Barbara
; REGISTRATION NUMBER: 32,750
; REFERENCE/DOCKET NUMBER: GECO.001.01US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 328-4400
; TELEFAX: (650) 328-4477
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide primer"
US-08-983-466-7

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1182 TGAGATGGCCACAGGCC 1198
Db 19 TGACATGGCCACCGGCC 3

RESULT 478
US-09-389-896-3/c
; Sequence 3, Application US/09389896
; Patent No. 6228634
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Martin
; APPLICANT: Chaplin, Jonathan
; TITLE OF INVENTION: Thermal cycling or temperature control
; TITLE OF INVENTION: device and method using alumina plate
; FILE REFERENCE: 600.383US2
; CURRENT APPLICATION NUMBER: US/09/389,896
; CURRENT FILING DATE: 1999-09-03
; EARLIER APPLICATION NUMBER: PCT/US98/04041
; EARLIER FILING DATE: 1998-03-03
; EARLIER APPLICATION NUMBER: US 08/810,641
; EARLIER FILING DATE: 1997-03-03
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human papillomavirus, type 16
US-09-389-896-3

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1308 CAAGACATACACTACC 1324
Db 19 CAAGACATACATCGACC 3

RESULT 479
US-09-489-869-21
; Sequence 21, Application US/09489869A
; Patent No. 6268151
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Lex M. Cowsett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
; FILE REFERENCE: RTS-0110
; CURRENT APPLICATION NUMBER: US/09/489,869A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 21
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-869-21

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 39 GGCAGAGGACACAGCAG 55
Db 2 GGCAGAGGACACAGGAG 18

RESULT 480
US-09-344-491A-1/c
; Sequence 1, Application US/09344491A
; Patent No. 6287823
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Berninger, Mark
; TITLE OF INVENTION: Process for Controlling Contamination of Nucleic Acid Amplification
; FILE REFERENCE: 0942.114000A
; CURRENT APPLICATION NUMBER: US/09/344,491A
; CURRENT FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 09/344,491
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 08/962,701
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: US 08/221,465
; PRIOR FILING DATE: 1994-04-01
; PRIOR APPLICATION NUMBER: US 08/079,835
; PRIOR FILING DATE: 1993-06-22
; PRIOR APPLICATION NUMBER: US 07/728,874
; PRIOR FILING DATE: 1991-07-12
; PRIOR APPLICATION NUMBER: US 07/633,389
; PRIOR FILING DATE: 1990-12-31
; PRIOR APPLICATION NUMBER: US 07/401,840
; PRIOR FILING DATE: 1989-09-01
; PRIOR APPLICATION NUMBER: US 07/360,120
; PRIOR FILING DATE: 1989-06-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-344-491A-1

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1308 CAAGACATACACTACC 1324
Db 17 CAAGACATACATCGACC 1

RESULT 481
US-09-344-491A-3/c
; Sequence 3, Application US/09344491A
; Patent No. 6287823
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Berninger, Mark
; TITLE OF INVENTION: Process for Controlling Contamination of Nucleic Acid Amplification
; FILE REFERENCE: 0942.114000A
; CURRENT APPLICATION NUMBER: US/09/344,491A

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; CURRENT FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 09/344,491
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 08/962,701
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: US 08/221,465
; PRIOR FILING DATE: 1994-04-01
; PRIOR APPLICATION NUMBER: US 08/079,835
; PRIOR FILING DATE: 1993-06-22
; PRIOR APPLICATION NUMBER: US 07/728,874
; PRIOR FILING DATE: 1991-07-12
; PRIOR APPLICATION NUMBER: US 07/633,389
; PRIOR FILING DATE: 1990-12-31
; PRIOR APPLICATION NUMBER: US 07/401,840
; PRIOR FILING DATE: 1989-09-01
; PRIOR APPLICATION NUMBER: US 07/360,120
; PRIOR FILING DATE: 1989-06-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-344-491A-3

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1308 CAAGACATACACTACC 1324
DB 17 CAAGACATACATCGACC 1

RESULT 482
US-09-364-416-9
; Sequence 9, Application US/09364416
; Patent No. 6312900
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IEM Ps/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/364,416
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201
; FILING DATE: April 14, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: 1SPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454

; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-364-416-9

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 GCCCCTCAGCGCGCC 568
DB 2 GCCCCTCAGCCCCGAC 18

RESULT 483
US-08-367-841A-13
; Sequence 13, Application US/08367841A
; Patent No. 6319687
; GENERAL INFORMATION:
; APPLICANT: Chader, Gerald J.; Rodriguez,
; APPLICANT: Ignacio R.; Mazuruk, Krzysztof;
; APPLICANT: Tombran-Tink, Joyce
; TITLE OF INVENTION: PIGMENT EPITHELIUM
; TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION GENOMIC
; TITLE OF INVENTION: ORGANIZATION AND SEQUENCE OF THE PEDF GENE
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morgan & Finnegan
; STREET: 345 Park Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/367,841A
; FILING DATE: 30-DEC-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/257,963
; FILING DATE: 07-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/952,796
; FILING DATE: 24-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: DOROTHY R. AUTH
; REGISTRATION NUMBER: 36434
; REFERENCE/DOCKET NUMBER: 20264126US2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 Base Pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Unknown
; TOPOLOGY: Unknown
; MOLECULE TYPE: Oligonucleotide
; FEATURE:
; NAME/KEY: 603
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION: primer in a polymerase
; OTHER INFORMATION: chain reaction
US-08-367-841A-13
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Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1631 CCAGCAGGAGCGGCTG 1647
| | | | | | | | | | | | | | | | | | | |
Db 2 CAAGCTGGCAGCGGCTG 18

RESULT 484
US-09-302-620B-47
; Sequence 47, Application US/09302620B
; Patent No. 6331420
; GENERAL INFORMATION:
; APPLICANT: Wilson, C. Ron
; APPLICANT: Craft, David L.
; APPLICANT: Erich, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME P450
; TITLE OF INVENTION: OXIDOREDUCTASE GENES AND PROTEINS RELATED TO THE OMEGA
; TITLE OF INVENTION: HYDROXYLASE COMPLEX OF CANDIDA TROPICALIS AND METHODS
; TITLE OF INVENTION: RELATING THERETO
; FILE REFERENCE: 1010-16.seq
; CURRENT APPLICATION NUMBER: US/09/302,620B
; CURRENT FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-302-620B-47

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1010 AGAGGGGAGACTCAAG 1026
| | | | | | | | | | | | | | | | | | | |
Db 2 AGAGGGGAGGGCTCAAG 18

RESULT 485
US-09-210-748A-12/c
; Sequence 12, Application US/09210748A
; Patent No. 6335156
; GENERAL INFORMATION:
; APPLICANT: Hermeking, Heiko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107.77810
; CURRENT APPLICATION NUMBER: US/09/210,748A
; CURRENT FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/069,416
; PRIOR FILING DATE: 1997-12-18
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER

US-09-210-748A-12

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 843 TGAGTACCTGGACAAAG 859
| | | | | | | | | | | | | | | | | | | |
Db 18 TGAGTACCGGAGAAG 2

RESULT 486
US-09-702-251-77
; Sequence 77, Application US/09702251
; Patent No. 6372492
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0199
; CURRENT APPLICATION NUMBER: US/09/702,251
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-251-77

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1571 ACTCAGGCGGCCAGCT 1587
| | | | | | | | | | | | | | | | | | | |
Db 4 ACTCTGGCAGGCCATCT 20

RESULT 487
US-09-702-246-66
; Sequence 66, Application US/09702246
; Patent No. 6383809
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-1 EXPRESSION
; FILE REFERENCE: RTS-0195
; CURRENT APPLICATION NUMBER: US/09/702,246
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-246-66

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 733 GCACCTTGACCCGCCAT 749
| | | | | | | | | | | | | | | | | | | |
Db 4 GCGCCCTGCACCCGCCCT 20

RESULT 488
US-09-506-073-83/c
; Sequence 83, Application US/09506073
; Patent No. 6410518

; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-83

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1152 TGACATGCTGGGTGGG 1168
||| ||||| ||||| |||||
Db 17 TGAGATGCTGGGTGGG 1

RESULT 489
US-09-851-062-39
; Sequence 39, Application US/09851062
; Patent No. 6448081
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
; FILE REFERENCE: RJS-0247
; CURRENT APPLICATION NUMBER: US/09/851,062
; CURRENT FILING DATE: 2001-05-07
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-39

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 480 ACTACCAGCTGACATCC 496
||| ||||| ||||| |||||
Db 3 ACTCCAGCTGACCTCC 19

RESULT 490
US-08-520-373D-9
; Sequence 9, Application US/08520373D
; Patent No. 6451763
; GENERAL INFORMATION:
; APPLICANT: Tombran-Tink, Joyce
; APPLICANT: Steele, Fintan R
; APPLICANT: Chader, Gerald J

; APPLICANT: Becerra, Sofia P
; APPLICANT: Johnson, Lincoln V
; APPLICANT: Rodriguez, Ignacio R
; TITLE OF INVENTION: RETINAL PIGMENTED EPITHELIUM DERIVED NEUROTROPIC FACTOR
; FILE REFERENCE: 2026-4203US1
; CURRENT APPLICATION NUMBER: US/08/520,373D
; CURRENT FILING DATE: 1995-08-29
; PRIOR APPLICATION NUMBER: 08/377,710
; PRIOR FILING DATE: 1995-01-25
; PRIOR APPLICATION NUMBER: 08/279,979
; PRIOR FILING DATE: 1994-07-25
; PRIOR APPLICATION NUMBER: 07/894,215
; PRIOR FILING DATE: 1992-06-04
; PRIOR APPLICATION NUMBER: 07/952,796
; PRIOR FILING DATE: 1992-09-24
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PRIMER
; OTHER INFORMATION: PRIMER 603
US-08-520-373D-9

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1631 CCAGCAGCGCGGGCTG 1647
||| ||||| ||||| |||||
Db 2 CAAGCTGGCAGCGGGCTG 18

RESULT 491
US-09-898-361-71/c
; Sequence 71, Application US/09898361
; Patent No. 6503152
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-71

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1202 CCCTCTTTCGGGCTCC 1218
||| ||||| ||||| |||||
Db 19 CCACTCTTCTGGGCTCC 3

RESULT 492
US-09-782-516A-1/c
; Sequence 1, Application US/09782516A
; Patent No. 6518026
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Berninger, Mark

```
; TITLE OF INVENTION: Process for Controlling Contamination of
; FILE OF INVENTION: Nucleic Acid Amplification Reactions
; FILE REFERENCE: 0942.114000B
; CURRENT APPLICATION NUMBER: US/09/782,516A
; CURRENT FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: US 09/344,491
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 08/962,701
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: US 08/221,465
; PRIOR FILING DATE: 1994-04-01
; PRIOR APPLICATION NUMBER: US 08/079,835
; PRIOR FILING DATE: 1993-06-22
; PRIOR APPLICATION NUMBER: US 07/728,874
; PRIOR FILING DATE: 1991-07-12
; PRIOR APPLICATION NUMBER: US 07/633,389
; PRIOR FILING DATE: 1990-12-31
; PRIOR APPLICATION NUMBER: US 07/401,840
; PRIOR FILING DATE: 1989-09-01
; PRIOR APPLICATION NUMBER: US 07/360,120
; PRIOR FILING DATE: 1989-06-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-782-516A-1
```

```
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
Qy 1308 CAAGACATACACTACC 1324
Db 17 CAAGACATACATCGACC 1
```

```
RESULT 493
US-09-782-516A-3/c
; Sequence 3, Application US/09782516A
; Patent No. 6518026
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Berninger, Mark
; TITLE OF INVENTION: Process for Controlling Contamination of
; FILE REFERENCE: 0942.114000B
; CURRENT APPLICATION NUMBER: US/09/782,516A
; CURRENT FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: US 09/344,491
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 08/962,701
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: US 08/221,465
; PRIOR FILING DATE: 1994-04-01
; PRIOR APPLICATION NUMBER: US 08/079,835
; PRIOR FILING DATE: 1993-06-22
; PRIOR APPLICATION NUMBER: US 07/728,874
; PRIOR FILING DATE: 1991-07-12
; PRIOR APPLICATION NUMBER: US 07/633,389
; PRIOR FILING DATE: 1990-12-31
; PRIOR APPLICATION NUMBER: US 07/401,840
; PRIOR FILING DATE: 1989-09-01
; PRIOR APPLICATION NUMBER: US 07/360,120
; PRIOR FILING DATE: 1989-06-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: RNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-782-516A-3
```

```
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 1308 CAAGACATACACTACC 1324
Db 17 CAAGACATACATCGACC 1
```

```
RESULT 494
US-09-422-978-4109/c
; Sequence 4109, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4109
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-13320 for SEQ 175,
US-09-422-978-4109
```

```
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 1060 ATCCCAACAAAGACATA 1076
Db 18 ATCACACACAGACATA 2
```

```
RESULT 495
US-09-060-299-357/c
; Sequence 357, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
```

STATE: Virginia
COUNTRY: US
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J. Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 357:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-060-299-357
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1435 GAGGATGCCATGAACA 1451
Db 20 GAGGAGGCCATCAACA 4
RESULT 496
US-09-402-923A-357/C
Sequence 357, Application US/09/0402923A
Patent No. 6555654
GENERAL INFORMATION:
APPLICANT: Todd, John A
Hess, John W
Caskey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: NO. 6555654e1 LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/011102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J. Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 357:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 357:
US-09-402-923A-357
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1435 GAGGATGCCATGAACA 1451
Db 20 GAGGAGGCCATCAACA 4
RESULT 497
US-09-198-452A-1337
Sequence 1337, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1337
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1337
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1468 CTGGGGGAGCGGATCCA 1484
Db 4 CTGGGAGAGCGGATCCA 20
RESULT 498
US-09-679-299A-119
Sequence 119, Application US/09679299A
Patent No. 6566135
GENERAL INFORMATION:
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
FILE REFERENCE: RTS-0187
CURRENT APPLICATION NUMBER: US/09/679,299A
CURRENT FILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 164


```
; SEQ ID NO 119
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-119

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 211 CAGATAGCGCTGGATGA 227
Db 3 CCGACAGCGCTGGATGA 19

RESULT 499
US-09-377-497-21/c
; Sequence 21, Application US/09377497
; Patent No. 6670119
; GENERAL INFORMATION:
; APPLICANT: YOSHIKAWA, YOSHIE
; APPLICANT: MUKAI, HIROYUKI
; APPLICANT: ASADA, KIYOZO
; APPLICANT: HINO, FUMITSUGU
; APPLICANT: KATO, IKUNOSHIN
; TITLE OF INVENTION: CANCER-ASSOCIATED GENES
; FILE REFERENCE: 1422-388P
; CURRENT APPLICATION NUMBER: US/09/377,497
; CURRENT FILING DATE: 1999-08-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: any n or Xaa = unknown
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-377-497-21

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1055 AGTCAATCCCAACAAG 1071
Db 17 AGTCAACCCCAACAAG 1

RESULT 500
US-09-495-714C-7
; Sequence 7, Application US/09495714C
; Patent No. 6670465
; GENERAL INFORMATION:
; APPLICANT: University Technologies International Inc.
; TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
; FILE REFERENCE: 45499.4 (formerly 45074.6)
; CURRENT APPLICATION NUMBER: US/09/495,714C
; CURRENT FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-495-714C-7

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1698 TTACTCTCTGCTACCT 1714
Db 1 TTTCCTCTCTGCTACCT 17

RESULT 501
US-09-939-581A-12/c
; Sequence 12, Application US/09939581A
; Patent No. 6740523
; GENERAL INFORMATION:
; APPLICANT: Hermeking, Heiko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107.77810
; CURRENT APPLICATION NUMBER: US/09/939,581A
; CURRENT FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: 09/210,748
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER
US-09-939-581A-12

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 843 TGAGTACCTGGACAAG 859
Db 18 TGAGTACCGGAGAAG 2

RESULT 502
US-09-771-357-42/c
; Sequence 42, Application US/09771357
; Patent No. 6756200
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: SUDHAR, Saraswati
; APPLICANT: EVRON, Ella
; APPLICANT: DOOLEY, William
; APPLICANT: DAVIDSON, Nancy
; TITLE OF INVENTION: ABERRANTLY METHYLATED GENES AS MARKERS OF BREAST MALIGNANCY
; FILE REFERENCE: JHU1630
; CURRENT APPLICATION NUMBER: US/09/771,357
; CURRENT FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-771-357-42

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 843 TGAGTACCTGGACAAG 859
Db 18 TGAGTACCGGAGAAG 2

RESULT 503
```

PCT-US95-02708-10/c
; Sequence 10, Application PC/TUS9502708
; GENERAL INFORMATION:
; APPLICANT: BECKER, JEFFREY M.
; APPLICANT: STACEY, GARY
; TITLE OF INVENTION: PLANT PEPTIDE TRANSPORT GENE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVE., N.W.
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: US
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/02708
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: AUERBACH, JEFFREY I
; REGISTRATION NUMBER: 32,680
; REFERENCE/DOCKET NUMBER: 7493-006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Arabidopsis thaliana
PCT-US95-02708-10

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 GCAGCGTAAAGGATGGA 22
Db 20 GCAGCGTAAATCATGGA 4

RESULT 504
PCT-US95-07201-13
; Sequence 13, Application PC/TUS9507201
; GENERAL INFORMATION:
; APPLICANT: Chader, Gerald J.; Becerra, Sofia
; APPLICANT: Patricia; Schwartz, Joan P.;
; APPLICANT: Taniwaki, Takayuki
; TITLE OF INVENTION: PIGMENT EPITHELIUM
; TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION GENOMIC
; TITLE OF INVENTION: ORGANIZATION AND SEQUENCE OF THE PEDF GENE
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morgan & Finnegan, L.L.P.
; STREET: 345 Park Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM: Disk
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07201
; FILING DATE: 06-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/367,841
; FILING DATE: 30-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/257,963
; FILING DATE: 07-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/952,796
; FILING DATE: 24-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: DOROTHY R. AUTH
; REGISTRATION NUMBER: 36434
; REFERENCE/DOCKET NUMBER: 20264126PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 Base Pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Unknown
; TOPOLOGY: Unknown
; MOLECULE TYPE: Oligonucleotide
; FEATURE:
; NAME/KEY: 603
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION: primer in a polymerase
; OTHER INFORMATION: chain reaction
PCT-US95-07201-13

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1631 CCAGCAGCAGCGGCTG 1647
Db 2 CAAGCTGCAGCGGCTG 18

RESULT 505
US-08-127-954-15/c
; Sequence 15, Application US/08127954
; Patent No. 5451512
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; TITLE OF INVENTION: Methods and Reagents for HLA Class I A
; TITLE OF INVENTION: Locus DNA Typing
; NUMBER OF SEQUENCES: 173
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110-1199
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/127,954
; FILING DATE:
; CLASSIFICATION: 436
; ATTORNEY/AGENT INFORMATION:

; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 8873
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-127-954-15

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1239 CTTTCATCTTCGGTATCT 1255
DB 18 CTTTCATCTTCGGTCT 2

RESULT 506
US-08-474-542A-142
; Sequence 142, Application US/08474542A
; Patent No. 5527898
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Imprim, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,542A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 5234
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2977
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 142:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-474-542A-142

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCACTACATCTTC 1693
DB 4 CCGTAACATACATCTTC 20

RESULT 507
US-08-374-770-9/c
; Sequence 9, Application US/08374770
; Patent No. 5602018
; GENERAL INFORMATION:
; APPLICANT: Kopetzki et al.
; TITLE OF INVENTION: HYPOGLYCOSYLATED RECOMBINANT
; TITLE OF INVENTION: GLUCOSIDASE OXIDASES
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/374,770
; FILING DATE: February 7, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 42 26 095.7
; FILING DATE: 07-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 43 01 904.8
; FILING DATE: 07-JAN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Pasqualini, Patricia A.
; REGISTRATION NUMBER: 34,894
; REFERENCE/DOCKET NUMBER: BOER 1046
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-374-770-9

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 225 TGAGAGTGGTGGTGGTG 241
DB 20 TGTCAAGTGGTGGTGGTG 4

RESULT 508
US-08-457-648-142
; Sequence 142, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Imprim, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the

;; TITLE OF INVENTION: Polymerase Chain Reaction
;; NUMBER OF SEQUENCES: 298
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Hoffmann-La Roche Inc.
;; STREET: 340 Kingsland Street
;; CITY: Nutley
;; STATE: New Jersey
;; COUNTRY: U.S.A.
;; ZIP: 07110
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent in Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/457,648
;; FILING DATE:
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Petty, Douglas A.
;; REGISTRATION NUMBER: 35,321
;; REFERENCE/DOCKET NUMBER: 9205
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (510) 814-2974
;; TELEFAX: (510) 814-2977
;; INFORMATION FOR SEQ ID NO: 142:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-08-457-648-142

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCAACTACATCTCC 1693
DB 4 CCGTAACTACATCTCC 20

RESULT 509
US-08-461-593B-9/c
;; Sequence 9, Application US/08461593B
;; Patent No. 5705616
;; GENERAL INFORMATION:
;; APPLICANT: Lehle, Ludwig; Lehnert, Klaus; Kopetzki, Erhard
;; TITLE OF INVENTION: Yeast Strain with Defect in N-Glycosylation
;; NUMBER OF SEQUENCES: 10
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Felfe & Lynch
;; STREET: 805 Third Avenue
;; CITY: New York City
;; STATE: New York
;; COUNTRY: USA
;; ZIP: 10022
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
;; COMPUTER: IBM PS/2
;; OPERATING SYSTEM: PC-DOS
;; SOFTWARE: Wordperfect
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/461,593B
;; FILING DATE:
;; CLASSIFICATION: 530
;; PRIOR APPLICATION NUMBER: DE P 42 26 094.9
;; FILING DATE: 07-AUG-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: DE P 43 01 932.3
;; FILING DATE: 07-MAR-1993

;; ATTORNEY/AGENT INFORMATION:
;; NAME: Tiajolloff, Andrew T.
;; REGISTRATION NUMBER: 31,575
;; REFERENCE/DOCKET NUMBER: BOER-1018.1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 688-9200
;; TELEFAX: (212) 838-3884
;; INFORMATION FOR SEQ ID NO: 9:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-461-593B-9
Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 225 TCAGAGTGGTGGTGGTG 241
DB 20 TGTCACTGGTGGTGGTG 4
RESULT 510
US-08-651-323A-9/c
;; Sequence 9, Application US/08651323A
;; Patent No. 5798226
;; GENERAL INFORMATION:
;; APPLICANT: Lehle, Ludwig; Lehnert, Klaus; Kopetzki, Erhard
;; TITLE OF INVENTION: Yeast Host Strains With Defects in
;; N-Glycosylation
;; NUMBER OF SEQUENCES: 12
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Felfe & Lynch
;; STREET: 805 Third Avenue
;; CITY: New York City
;; STATE: New York
;; COUNTRY: USA
;; ZIP: 10022
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette, 3.25 inch, 1.44mb
;; COMPUTER: IBM PS/2
;; OPERATING SYSTEM: PC-DOS
;; SOFTWARE: Wordperfect
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/651,323A
;; FILING DATE: May 31, 1996
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/104,436
;; FILING DATE: August 9, 1995
;; PRIOR APPLICATION NUMBER:
;; APPLICATION NUMBER: DE P 42 26 094.9
;; FILING DATE: 07-AUG-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: DE P 43 01 932.3
;; FILING DATE: 23-JAN-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Andrew L. Tiajolloff
;; REGISTRATION NUMBER: 31,575
;; REFERENCE/DOCKET NUMBER: BOER-1018.2 CIP
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 688-9200
;; TELEFAX: (212) 838-3884
;; INFORMATION FOR SEQ ID NO: 9:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-651-323A-9

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 225 TGAGAGTGGTGGTGGT 241
DB 20 TGTCAAGTGGTGGTGGT 4

RESULT 511
US-08-875-573-10/c
; Sequence 10, Application US/08875573
; Patent No. 6150132
; GENERAL INFORMATION:
; APPLICANT: Wells, Christine A.
; APPLICANT: Power, Christine A.
; TITLE OF INVENTION: A CHEMOKINE RECEPTOR ABLE TO BIND TO
; TITLE OF INVENTION: MCP-1, MIP-1 ALPHA AND/OR RANTES. ITS USES
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHVE P.C.
; STREET: 1100 No. 6150132th Glebe Rd. 8th floor
; CITY: Arlington
; STATE: VA
; COUNTRY: USA
; ZIP: 22201-4741
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,573
; FILING DATE: 31-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB96/00143
; FILING DATE: 24-JAN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9501683.8
; FILING DATE: 27-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mary J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 1430-172
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-816-4000
; TELEFAX: 703-816-4100
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; ANTI-SENSE: YES
US-08-875-573-10

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 754 GAAGTGCCCTGCTCAA 770
DB 19 GATGTGTACCTGCTCAA 3

RESULT 512
US-08-687-421-390/c
; Sequence 390, Application US/08687421
; Patent No. 6177557
; GENERAL INFORMATION:

; APPLICANT: Gold, Larry
; APPLICANT: Janjic, Nebojsa
; APPLICANT: Tasset, Diane
; TITLE OF INVENTION: HIGH-AFFINITY LIGANDS OF BASIC
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR AND
; NUMBER OF SEQUENCES: 445
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Swanson & Bratschun, L.L.C.
; STREET: 8400 E. Prentice Avenue, Suite 200
; CITY: Englewood
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/687,421
; FILING DATE: 08-MAY-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/195,005
; FILING DATE: 10-FEBRUARY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE: 22-APRIL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/219,012
; FILING DATE: 28-MARCH-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/714,131
; FILING DATE: 10-JUNE-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/536,428
; FILING DATE: 11-JUNE-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Barry J. Swanson
; REGISTRATION NUMBER: 33,215
; REFERENCE/DOCKET NUMBER: NEX07/PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 793-3333
; TELEFAX: (303) 793-3433
; INFORMATION FOR SEQ ID NO: 390:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-687-421-390

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 57.1%; Pred. No. 4.5e+02;
Matches 12; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 84 CCGCGGCTGTGAGGTGCTCG 104
DB 21 CYGCGCRYTRARYTCTTCG 1

RESULT 513
US-09-046-894-15
; Sequence 15, Application US/09046894
; Patent No. 6190857
; GENERAL INFORMATION:
; APPLICANT: Ralph, David
; APPLICANT: An, Gang
; APPLICANT: O'Hara, Mark S.

APPLICANT: Veltri, Robert
TITLE OF INVENTION: DIAGNOSIS OF DISEASE STATE USING mRNA
TITLE OF INVENTION: PROFILES IN PERIPHERAL LEUKOCYTES
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/046,894
FILING DATE: Concurrently Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/041,576
FILING DATE: 24-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Nakashima, Richard A.
REGISTRATION NUMBER: P-42,023
REFERENCE/DOCKET NUMBER: UROC:014
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-046-894-15

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1461 CCTCAGTCTGGGGGAGC 1477
DB 2 CCTCAGGCTGGGGCAGC 18

RESULT 514
US-08-679-493A-128
Sequence 128, Application US/08679493A
Patent No. 6303295
GENERAL INFORMATION:
APPLICANT: Taylor, Ethan W.
TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS
FILE REFERENCE: 55-95
CURRENT APPLICATION NUMBER: US/08/679,493A
CURRENT FILING DATE: 1996-07-12
PRIOR APPLICATION NUMBER: 60/001203
PRIOR FILING DATE: 1995-07-14
PRIOR APPLICATION NUMBER: 60/003,112
PRIOR FILING DATE: 1995-09-01
NUMBER OF SEQ ID NOS: 216
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 128
LENGTH: 21
TYPE: RNA
ORGANISM: chimpanzee immunodeficiency virus
US-08-679-493A-128

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 70.6%; Pred. No. 4.5e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 866 AGCAGTACCTGGATGAC 882
DB 5 ACCAGUACAUGAUGAC 21

RESULT 515
US-09-479-128-3/c
Sequence 3, Application US/09479128
Patent No. 6319710
GENERAL INFORMATION:
APPLICANT: Berglind Ran Olafsdottir
TITLE OF INVENTION: HUMAN MARCOLEPSY GENE
FILE REFERENCE: 2345.1005-001
CURRENT APPLICATION NUMBER: US/09/479,128
CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/379,083
PRIOR FILING DATE: 1999-08-23
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: nucleic acid primers based on human mRNA sequence
US-09-479-128-3

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1480 ATCCACAACTTCTCTGA 1496
DB 17 AGCTCAAACTTCTCTGA 1

RESULT 516
US-09-616-761-1
Sequence 1, Application US/09616761
Patent No. 6380377
GENERAL INFORMATION:
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: Nucleic Acid Hairpin Probes and Uses
TITLE OF INVENTION: Thereof
FILE REFERENCE: 475412000400
CURRENT APPLICATION NUMBER: US/09/616,761
CURRENT FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Hairpin probe
US-09-616-761-1

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCAACTACATCTTCC 1693
DB 4 CCGTAACATACATCTTCC 20

RESULT 517
US-09-422-978-10380
Sequence 10380, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel

```
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10380
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-11535 for SEQ 2515, in comple
US-09-422-978-10380

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1445 TGAACATCCATCTTCC 1461
Db 5 TGAACATCCATCTTCC 21

RESULT 518
US-09-422-978-11492
; Sequence 11492, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11492
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-8000 for SEQ 3627, in comple
US-09-422-978-11492

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 364 GAGAGTCACCGGCTTC 380
Db 2 GAGAGTTACTAGGCTTC 18

RESULT 519
US-09-823-634A-1
; Sequence 1, Application US/09823634A
```

```
; Patent No. 6596489
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nanibhushan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 47541-20006.00
; CURRENT APPLICATION NUMBER: US/09/823,634A
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-823-634A-1

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1677 CCCCACTACATCTTCC 1693
Db 4 CCGTAACATCATCTTCC 20

RESULT 520
US-09-823-647B-1
; Sequence 1, Application US/09823647B
; Patent No. 6596490
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nanibhushan
; TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 47541-20004.20
; CURRENT APPLICATION NUMBER: US/09/823,647B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/616,761
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-823-647B-1

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1677 CCCCACTACATCTTCC 1693
Db 4 CCGTAACATCATCTTCC 20

RESULT 521
US-09-526-193A-171/c
; Sequence 171, Application US/09526193A
; Patent No. 6617122
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; FILE REFERENCE: 50110/002005
; CURRENT APPLICATION NUMBER: US/09/526,193A
```

RESULT 523
 US-09-743-871B-25/c
 ; Sequence 25, Application US/09743871B
 ; Patent No. 6627734
 ; GENERAL INFORMATION:
 ; APPLICANT: Memorial Sloan-Kettering Cancer Center
 ; TITLE OF INVENTION: IDENTIFICATION AND EXPRESSION OF MULTIPLE SPLICE VARIANTS OF MOUS
 ; TITLE OF INVENTION: KAPPA3-RELATED OPIOID RECEPTOR (KOR-3) GENE
 ; FILE REFERENCE: 830002-2001.1
 ; CURRENT APPLICATION NUMBER: US/09/743,871B
 ; CURRENT FILING DATE: 2001-01-15
 ; PRIOR APPLICATION NUMBER: PCT/US99/15977
 ; PRIOR FILING DATE: 1997-07-15
 ; PRIOR APPLICATION NUMBER: 60/093,002
 ; PRIOR FILING DATE: 1996-07-16

```

RESULT 525
US-09-657-472-77
; Sequence 77, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825 1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 77

```


[illegible]

; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Alpha -33P-labeled primer (Antisense)
US-09-771-357-31

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 843 TGAGTACTGCACAGG 859
Db 19 TGAGTACCGGAGAAGG 3

RESULT 530
US-07-972-791-24/c
; Sequence 24, Application US/07972791
; Patent No. 5348857
; GENERAL INFORMATION:
; APPLICANT: Ficht, Thomas A.
; APPLICANT: Sowa, Blair A.
; APPLICANT: Adams, L. Gary
; TITLE OF INVENTION: NOVEL PROBES AND METHOD FOR IDENTIFYING
; TITLE OF INVENTION: SPECIES AND BIOVARS OF BRUCELLA
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PRAVEL, GAMBRELL, HEWITT, & KRIEGER
; STREET: 1177 West Loop South, 10th Floor
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77027

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/972,791
FILING DATE: 19921106
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kettelberger, Denise M.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-850-0909
TELEFAX: 713-850-0165
TELEX: 792026

INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-07-972-791-24

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 177 CCGAGTCATAGCAACACA 196
Db 20 CCGAGTCATAGCAACACA 1

RESULT 531
US-07-626-618A-10/c
; Sequence 10, Application US/07626618A
; Patent No. 5422265
; GENERAL INFORMATION:
; APPLICANT: Van Tol, Hubert H.M.
; APPLICANT: Civelli, Olivier

; TITLE OF INVENTION: A No. 5422265el Human Dopamine Receptor and Uses
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 10 South Wacker Drive, Suite 3000
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/626,618A
FILING DATE: 7 DEC 1990
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 5422265nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 810-221-8317
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-626-618A-10

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 241 GGCGCGAGTGCCTGGAGA 260
Db 20 GGCGCGAGGACCGGGGA 1

RESULT 532
US-08-063-167A-15/c
; Sequence 15, Application US/08063167A
; Patent No. 5514788
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodland Falls Corporate Park
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/063,167A
FILING DATE: 19930517
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: PCT/US91/05209
; FILING DATE: July 23, 1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-063-167A-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 533
US-08-250-856A-11/c
; Sequence 11, Application US/08250856A
; Patent No. 5563255
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; TITLE OF INVENTION: of raf Gene Expression
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/250,856A
; FILING DATE: May 31, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0094
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
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; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-250-856A-11

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1186 ATGGCCACAGCGCTCCCT 1205
Db 20 ATGGCTCCAGCGCTTACCT 1

RESULT 534
US-08-007-997A-15/c
; Sequence 15, Application US/08007997A
; Patent No. 5591623
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 82
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5591623ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/007,997A
; FILING DATE: 19930121
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05209
; FILING DATE: July 23, 1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0709
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-007-997A-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGGAAGTGGTGGGG 1
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RESULT 535
US-08-333-977-10/c
; Sequence 10, Application US/08333977
; Patent No. 5594108
; GENERAL INFORMATION:
; APPLICANT: Van Tol, Hubert H.M.
; APPLICANT: Civelli, Olivier
; TITLE OF INVENTION: A No. 5594108el Human Dopamine Receptor and Uses
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegrretti & Witcoff, Ltd.
; STREET: 10 South Wacker Drive, Suite 3000
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/333,977
; FILING DATE: 03-NOV-1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/626,618
; FILING DATE: 7 DEC 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5594108nan, Kevin E
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 90,1092
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-715-1000
; TELEFAX: 312-715-1234
; TELEX: 810-221-8317
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-333-977-10

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 241 GGCGGCGAGTGACCCCTGGAGA 260
Db 20 GGCCGAGGAGCCCGGGA 1

RESULT 536
US-08-474-177-29/c
; Sequence 29, Application US/08474177
; Patent No. 5624819
; GENERAL INFORMATION:
; APPLICANT: Skolnick, Mark H.
; APPLICANT: Cannon-Albright, Lisa A.
; APPLICANT: Kamb, Alexander
; TITLE OF INVENTION: GERM LINE MUTATIONS IN THE MTS GENE
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,177
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/03537
; FILING DATE: 17-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/251,938
; FILING DATE: 01-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,087
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,086
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,369
; FILING DATE: 14-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/214,582
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109348-E
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
US-08-474-177-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 505 GAGGCTACCTGGAGAGCT 524
Db 20 GAAGGCTTCTGGACAGCT 1

RESULT 537
US-08-487-141B-83/c
; Sequence 83, Application US/08487141B
; Patent No. 5683987
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDRI and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
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; APPLICATION NUMBER: US/08/487,141B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hagan, Patrick J.
; REGISTRATION NUMBER: 27,643
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
;
US-08-487-141B-83

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 733 GCACCTGCACCCGATCCG 752
Db 20 GCAGCAGCCACCGCATCCG 1

RESULT 538
US-08-462-305-21/c
; Sequence 21, Application US/08462305
; Patent No. 5696248
; GENERAL INFORMATION:
; APPLICANT: Peyman, Anuschirwan
; APPLICANT: Uhlmann, Eugen
; APPLICANT: Carolus, Carolin
; TITLE OF INVENTION: 3'-Modified Oligonucleotide Derivatives
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoechst Marion Roussel, Inc.
; STREET: 2110 E. Galbraith Road, P.O. Box 156300
; CITY: Cincinnati
; STATE: Ohio
; COUNTRY: USA
; ZIP: 45215-6300
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 05-JUN-1995
; APPLICATION NUMBER: US/08/462,305
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Payne, T. Helen
; REGISTRATION NUMBER: 36,889
; REFERENCE/DOCKET NUMBER: HOE94/F161K US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 513-948-7183
; TELEFAX: 513-948-7960 or 4681
; TELEX: 214320
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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; MOLECULE TYPE: other nucleic acid
US-08-462-305-21

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 539
US-08-487-033-29/c
; Sequence 29, Application US/08487033
; Patent No. 5739027
; GENERAL INFORMATION:
; APPLICANT: Kamb, Alexander
; TITLE OF INVENTION: MTS1E1-Beta GENE
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US/08/487,033
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/03316
; FILING DATE: 17-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/251,938
; FILING DATE: 01-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,087
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,086
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,369
; FILING DATE: 14-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/214,582
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109348-C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
;
US-08-487-033-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
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Matches	16	Conservative	0	Mismatches	4	Indels	0	Gaps	0
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QY
505 GAGGGTACCTGGAGAGCT 524

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20 GAAGGCTTCCTGGACACGCT 1

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RESULT 540
US-08-480-810-29/c
; Sequence 29, Application US/08480810
; Patent No. 5801236
; GENERAL INFORMATION:
; APPLICANT: Kamb, Alexander
; TITLE OF INVENTION: MTS1 GENE
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005

```

```

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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Qy 505 GAGGGCTACCTGGAGAAGCT 524
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Db 20 GAAGGCTTCCCTGGACACGCT 1

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Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16: Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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Qy 1298 ACGAGGAGTTCAAGACATAC 1317
pb 1 ACCAGGAGCTCGAGACTTAC 20

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RESULT 542
US-08-440-740A-15/c
Sequence 15, Application US/08440740A
Patent No. 5843738
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB

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;
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/440,740A
; FILING DATE: May 12, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 20, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-440-740A-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGGG 245
Db 20 GAGAGGGGAGTGGTGGGG 1

RESULT 543
US-08-508-735-29/c
; Sequence 29, Application US/08508735
; Patent No. 5843756
; GENERAL INFORMATION:
; APPLICANT: Stone, Steven
; APPLICANT: Jiang, Ping
; APPLICANT: Kamb, Alexander
; TITLE OF INVENTION: MTS GENE AND THERAPEUTIC USE THEREOF
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/508,735
; FILING DATE:
; ADDRESS:
; NAME:
; REGISTRATION NUMBER:
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE:
; TELEFAX:
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid

;
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/440,740A
; FILING DATE: May 12, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 20, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-440-740A-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 505 GAGGGCTACCTGGAGAGCT 524
Db 20 GAAGGCTTCTGGACAGCT 1

RESULT 544
US-08-568-459A-24
; Sequence 24, Application US/08568459A
; Patent No. 5849306
; GENERAL INFORMATION:
; APPLICANT: Sim, Kim L.
; APPLICANT: Chitnis, Chetan
; APPLICANT: Miller, Louis H.
; APPLICANT: Peterson, David S.
; APPLICANT: Su, Xin-zhau
; APPLICANT: Wellem, Thomas E.
; TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
; TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe Martens Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: California
; COUNTRY: US
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/568,459A
; FILING DATE: 07-DEC-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Israelsen, Ned
; REGISTRATION NUMBER: 29,655
; REFERENCE/DOCKET NUMBER: NIH121.001CP1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 235-8550
; TELEFAX: (619) 235-0176
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
```

;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; FRAGMENT TYPE:
;; ORIGINAL SOURCE:
US-08-568-459A-24

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 55.6%; Pred. No. 4.6e+02;
Matches 10; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 1630 CCCAGCAGCGCGCTG 1647
DB 1 CCSGMSGCAGCAGYTS 18

RESULT 545

US-08-117-952-744/C
; Sequence 744, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Bruesgemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392

INFORMATION FOR SEQ ID NO: 744:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-744

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGCAGT 249
DB 20 GAGGTGGTGGTGGTGGTGGT 1

RESULT 546
US-08-808-474A-12/C
; Sequence 12, Application US/08808474A
; Patent No. 5856103
; GENERAL INFORMATION:
; APPLICANT: Gray, Donald M.
; APPLICANT: Clark, Chris L.
; TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
; TITLE OF INVENTION: FOR ANTISENSE TARGETING
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Locke Purnell Rain Harrell
; STREET: 2200 Ross Avenue, Suite 2200
; CITY: Dallas
; STATE: Texas
; COUNTRY: USA
; ZIP: 75201-6776
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/808,474A
; FILING DATE: 03-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: UTDAL:001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (214) 740-8000
; TELEFAX: (214) 740-8800
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-808-474A-12

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
DB 20 GAGAGGGGAAGTGGTGGGGG 1

RESULT 547

US-08-808-474A-15/C
; Sequence 15, Application US/08808474A
; Patent No. 5856103
; GENERAL INFORMATION:
; APPLICANT: Gray, Donald M.
; APPLICANT: Clark, Chris L.
; TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
; TITLE OF INVENTION: FOR ANTISENSE TARGETING
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Locke Purnell Rain Harrell
; STREET: 2200 Ross Avenue, Suite 2200
; CITY: Dallas
; STATE: Texas
; COUNTRY: USA
; ZIP: 75201-6776
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:


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; APPLICATION NUMBER: US/08/808.474A
; FILING DATE: 03-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: UTDL:001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (214) 740-8000
; TELEFAX: (214) 740-8800
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-808-474A-15

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 548
US-08-613-417A-21/c
; Sequence 21, Application US/08613417A
; Patent No. 5874553
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Phosphonomoester nucleic acids, and their use
; TITLE OF INVENTION: Process for their preparation, and their use
; NUMBER OF SEQUENCES: 33
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0. Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/613,417A
; FILING DATE:
; CLASSIFICATION: 514
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: yes
; FEATURE:
; NAME/KEY: exon
; LOCATION: 1..20
; US-08-613-417A-21

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 549
US-08-927-561-83/c
; Sequence 83, Application US/08927561
; Patent No. 5874567
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
```

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; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0. Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,561
; FILING DATE: 08-SEPT-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/487,141
; FILING DATE: 05-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Rigaut, Kathleen D.
; REGISTRATION NUMBER: P43,047
; REFERENCE/DOCKET NUMBER: 63082C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-927-561-83

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 733 GCACCTGCGACCGCATCCG 752
Db 20 GCAGAGCCACCGCATCCG 1

RESULT 550
US-08-875-154-22
; Sequence 22, Application US/08875154
; Patent No. 5882888
; GENERAL INFORMATION:
; APPLICANT: Jorgensen, Streen Troels
; TITLE OF INVENTION: DNA Integration By Transporation
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5882888o No. 5882888disk of No. 5882888th America, Inc.
; STREET: 405 Lexington Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10174
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,154
; FILING DATE: 17-JUL-1997
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
```

NAME: Lambiris, Elias J
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4381.204-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "LWN5067"
US-08-875-154-22

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 990 CCAGAACTGTCATCAACG 1009
DB 1 CCAGAACTGTCATCAACG 20

RESULT 551
US-08-344-155C-15/c
Sequence 15, Application US/08344155C
Patent No. 5883082
GENERAL INFORMATION:
APPLICANT: Bennett and Stepkowski
TITLE OF INVENTION: Compositions and Methods for Preventing
TITLE OF INVENTION: and treating Allograft Rejection
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodland Falls Corporate Park
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/344,155C
FILING DATE: No. 5883082ember 23, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/063,167
FILING DATE: 5/17/93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/007,997
FILING DATE: 1/21/93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/939,855
FILING DATE: 9/2/92
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/567,286
FILING DATE: 8/14/90
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0098
TELECOMMUNICATION INFORMATION:

TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-344-155C-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGTGTGTGTGGCGG 245
DB 20 GAGAGGGGAGTGTGTGGGG 1

RESULT 552
US-08-756-806A-11/c
Sequence 11, Application US/08756806A
Patent No. 5952229
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggis, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/756,806A
FILING DATE: No. 5952229ember 26, 1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07111
FILING DATE: May 31, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856
FILING DATE: May 31, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-756-806A-11

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1186 ATGGCCACAGCGCCCT 1205

CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
NUMBER OF SEQUENCES: 45

TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Knobbe Martens Olson & Bear
;; STREET: 620 Newport Center Drive 16th Floor
;; CITY: Newport Beach
;; STATE: California
;; COUNTRY: US
;; ZIP: 92660
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/487,826B
;; FILING DATE: 10-SEP-1993
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Israelsen, Ned
;; REGISTRATION NUMBER: 29,655
;; REFERENCE/DOCKET NUMBER: NIH121.001CPI
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (619) 235-8550
;; TELEFAX: (619) 235-0176
;; INFORMATION FOR SEQ ID NO: 36:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cdna
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; FRAGMENT TYPE:
;; ORIGINAL SOURCE:
;; US-08-487-826B-36

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 55.6%; Pred. No. 4.6e+02;
Matches 10; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy 1630 CCCAGCAGCGACGGCTG 1647
||:|:|:|:|:|:|:|:|:|:
Db 1 CCSMGSMGSCAGCAGTYS 18

RESULT 556
US-08-486-047-29/c
; Sequence 29, Application US/08486047
; Patent No. 5994095
; GENERAL INFORMATION:
; APPLICANT: Kamb, Alexander
; TITLE OF INVENTION: MTS2 GENE
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,047
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/03316
; FILING DATE: 17-MAR-1995
; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: US 08/251,938
;; FILING DATE: 01-JUN-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/215,087
;; FILING DATE: 18-MAR-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/215,086
;; FILING DATE: 18-MAR-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/227,369
;; FILING DATE: 14-APR-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/214,582
;; FILING DATE: 18-MAR-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Ihnen, Jeffrey L.
;; REGISTRATION NUMBER: 28,957
;; REFERENCE/DOCKET NUMBER: 24884-109348-B
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-962-4810
;; TELEFAX: 202-962-8300
;; INFORMATION FOR SEQ ID NO: 29:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cdna
;; HYPOTHETICAL: NO
;; US-08-486-047-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 505 GAGGGCTACCTGGAGAGCT 524
|||:|:|:|:|:|:|:|:|:|:
Db 20 GAAGGCTTCCTGGACAGCT 1

RESULT 557
US-08-594-452-21/c
; Sequence 21, Application US/08594452
; Patent No. 6013639
; GENERAL INFORMATION:
; APPLICANT: PEYMAN, Anuschirwan
; APPLICANT: UHLMANN, Eugen
; TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 105
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/594,452
; FILING DATE: 31-JAN-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 195 02 912.7
; FILING DATE: 31-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDERCOCK, Colin G.
; REGISTRATION NUMBER: 31,298
; REFERENCE/DOCKET NUMBER: 18748/264/HOCE
; TELECOMMUNICATION INFORMATION:

```
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-594-452-21

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      226 GAGAGTGGTGGTGGCGG 245
Db      20 GAGAGGGGAAGTGGTGGGG 1

RESULT 558
US-08-982-845B-15/c
; Sequence 15, Application US/08982845B
; Patent No. 6015894
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; FILING DATE: December 2, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/440,740
; FILING DATE: May 12, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 21, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0243
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
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; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-982-845B-15

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      226 GAGAGTGGTGGTGGCGG 245
Db      20 GAGAGGGGAAGTGGTGGGG 1

RESULT 559
US-08-578-686C-20/c
; Sequence 20, Application US/08578686C
; Patent No. 6028182
; GENERAL INFORMATION:
; APPLICANT: Uhlmann, Eugen
; TITLE OF INVENTION: Methylphosphonic Acid Ester, Process For
; TITLE OF INVENTION: Preparing The Same And Its Use
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner, L.L.P.
; STREET: 1300 I. Street, N.W., Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,686C
; FILING DATE: January 2, 1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Johnson, Lori-Ann
; REGISTRATION NUMBER: 34,498
; REFERENCE/DOCKET NUMBER: 2481.1481-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-578-686C-20

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      226 GAGAGTGGTGGTGGCGG 245
Db      20 GAGAGGGGAAGTGGTGGGG 1

RESULT 560
US-09-120-130-29/c
; Sequence 29, Application US/09120130
; Patent No. 6037462
; GENERAL INFORMATION:
; APPLICANT: Kamb, Alexander
; TITLE OF INVENTION: MTS1 GENE
```



```
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,087
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,086
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,369
; FILING DATE: 14-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/214,582
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109348
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; US-09-115-252-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 505 GAGGGTACTGAGGAGCT 524
Db 20 GAAGGCTTCTGGACGCT 1

RESULT 563
US-09-094-405-25/c
; Sequence 25, Application US/09094405
; Patent No. 6066720
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Modified oligonucleotides, their preparation
; TITLE OF INVENTION: and use
; NUMBER OF SEQUENCES: 30
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/094,405
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/940,196
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: exon
; LOCATION: 1..20
```

```
; OTHER INFORMATION: /note= "ICAM"
; US-09-094-405-25

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGAAGTGGTGGGG 1

RESULT 564
US-08-986-515-29/c
; Sequence 29, Application US/08986515
; Patent No. 6090578
; GENERAL INFORMATION:
; APPLICANT: Kamb, Alexander
; TITLE OF INVENTION: MTS1 GENE
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/986,515
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/480,810
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/251,938
; FILING DATE: 01-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,087
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,086
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,369
; FILING DATE: 14-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/214,582
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109348
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; US-08-986-515-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
```



```
; TITLE OF INVENTION: process for their preparation, and their use
; NUMBER OF SEQUENCES: 33
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0. Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/196,132
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/613,417
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: Yes
; FEATURE:
; NAME/KEY: exon
; LOCATION: 1..20
US-09-196-132-21

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGTGGTGGGGG 245
Db 20 GAGAGGGGAAGTGTGGGG 1

RESULT 571
US-08-666-221B-30
; Sequence 30, Application US/08666221B
; Patent No. 6136544
; GENERAL INFORMATION:
; APPLICANT: Kamboj, Rajender
; APPLICANT: Nutt, Stephen
; TITLE OF INVENTION: GLUTAMATE RECEPTOR (OR EAA RECEPTOR)
; TITLE OF INVENTION: POLYNUCLEOTIDES AND THEIR USES
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/666,221B
; FILING DATE: 20-JUN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Bent, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 016777/0308
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
```

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; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-666-221B-30

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1211 CGGCTCCACGGTGGAGGAA 1230
Db 1 CTGGCTCCGAGGTGGTGGAA 20

RESULT 572
US-09-286-904-75/c
; Sequence 75, Application US/09286904A
; Patent No. 6140124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; TITLE OF INVENTION: Activated Protein Kinase Expression
; FILE REFERENCE: ISPH-0347
; CURRENT APPLICATION NUMBER: US/09/286,904A
; CURRENT FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-286-904-75

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1153 GACATGTGGGTGTGGCTG 1172
Db 20 GACATGTGTCTGTGGCTG 1

RESULT 573
US-09-418-640-41/c
; Sequence 41, Application US/09418640
; Patent No. 6140125
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL-6 EXPRESSION
; FILE REFERENCE: RTS-0102
; CURRENT APPLICATION NUMBER: US/09/418,640
; CURRENT FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-640-41

Query Match 0.8%; Score 13.6; DB 1; Length 20;
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Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 494 TCCGGCTGCTGAGGGCTAC 513
Db 20 TCCGGATGCTGTGCCCAAC 1

RESULT 574
US-09-120-128-29/c
; Sequence 29, Application US/09120128
; Patent No. 6140473
; GENERAL INFORMATION:
; APPLICANT: Kamb, Alexander
; TITLE OF INVENTION: MTS2 GENE
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/120,128
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,047
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: PCT/US95/03316
; FILING DATE: 17-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/251,938
; FILING DATE: 01-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,087
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,086
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,369
; FILING DATE: 14-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/214,582
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109348-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 505 GAGGCTACCTGGAGAAGCT 524
Db 20 GAGGCTTCTGGACAGCT 1

RESULT 575
US-09-144-112-20/c
; Sequence 20, Application US/09144112
; Patent No. 6150510
; GENERAL INFORMATION:
; APPLICANT: SEELA, Horst
; TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES, THEIR PREPARATION AND THEIR
; TITLE OF INVENTION: USE
; FILE REFERENCE: 026083/0181
; CURRENT APPLICATION NUMBER: US/09/144,112
; CURRENT FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: DE P 44 38 918.3
; PRIOR FILING DATE: 1994-11-04
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Antisense
; OTHER INFORMATION: Oligonucleotide
US-09-144-112-20

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 226 GAGAGTGTGTGTGTGGCGG 245
Db 20 GAGAGGGGAAGTGTGTGGGG 1

RESULT 576
US-09-428-696-46/c
; Sequence 46, Application US/09428696
; Patent No. 6165789
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF HNRNP A1 EXPRESSION
; FILE REFERENCE: RTS-0111
; CURRENT APPLICATION NUMBER: US/09/428,696
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-696-46

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 231 TGTGTGTGTGGCGGCGAGTG 250
Db 20 TGTGTGTGTGTGTGGAGTG 1

RESULT 577
US-09-128-496-15/c
; Sequence 15, Application US/09128496
; Patent No. 6169079
; GENERAL INFORMATION:

APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/128,496
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/440,740
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 20, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0133
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-128-496-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGGGG 245
Db 20 GAGAGGGAAGTGGTGGGG 1

RESULT 578
US-09-129-29/c
Sequence 29, Application US/09120129
Patent No. 6180776
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS2 GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSER: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC

COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/120,129
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/486,047
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Innen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348-B
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
US-09-120-129-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 505 GAGGCTACCTGGAGAGCT 524
Db 20 GAAGGCTCTCGACAGCT 1

RESULT 579
US-09-235-614-12/c
Sequence 12, Application US/09235614
Patent No. 6183966
GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
APPLICANT: CLARK, CHRISTOPHER L.
TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
SEQUENCES FOR ANTISENSE TARGETING
FILE REFERENCE: 91556/66384
CURRENT APPLICATION NUMBER: US/09/235,614
CURRENT FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 08/808,474
PRIOR FILING DATE: 1997-03-03
PRIOR APPLICATION NUMBER: 08/320,507
PRIOR FILING DATE: 1994-10-07

; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: ASO
US-09-235-614-12

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245
|||||
Db 20 GAGAGGGAGTGGTGGGG 1

RESULT 580
US-09-235-614-15/c
; Sequence 15, Application US/09235614
; Patent No. 6183966
; GENERAL INFORMATION:
; APPLICANT: GRAY, DONALD M.
; APPLICANT: CLARK, CHRISTOPHER L.
; TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
; TITLE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING
; FILE REFERENCE: 91556/66384
; CURRENT APPLICATION NUMBER: US/09/235,614
; CURRENT FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 08/808,474
; PRIOR FILING DATE: 1997-03-03
; PRIOR APPLICATION NUMBER: 08/320,507
; PRIOR FILING DATE: 1994-10-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: S-ASO
US-09-235-614-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245
|||||
Db 20 GAGAGGGAGTGGTGGGG 1

RESULT 581
US-09-290-640-39
; Sequence 39, Application US/09290640
; Patent No. 6204055
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcusson, Eric G.
; TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-0351
; CURRENT APPLICATION NUMBER: US/09/290,640
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence

US-09-290-640-39

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1659 CACCCCTCACAGGCGAGCCC 1678
|||||
Db 1 CCCTCTTCACATGGCAGCCC 20

RESULT 582
US-09-201-139-29/c
; Sequence 29, Application US/09201139
; Patent No. 6210949
; GENERAL INFORMATION:
; APPLICANT: Stone, Steven
; APPLICANT: Jiang, Ping
; APPLICANT: Kamb, Alexander
; TITLE OF INVENTION: MTS GENE AND THERAPEUTIC USE THEREOF
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/201,139
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/508,735
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/03316
; FILING DATE: 17-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109348
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4848
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
US-09-201-139-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 505 GAGGGCTACCTGGAGAGCT 524
|||||
Db 20 GAAGGCTTCTGGACAGCT 1

RESULT 583
US-09-030-701-65/c
; Sequence 65, Application US/09030701B
; Patent No. 6214806

```
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; TITLE OF INVENTION: USE OF NUCLEIC ACIDS CONTAINING
; TITLE OF INVENTION: UNMETHYLATED CpG DINUCLEOTIDE IN THE TREATMENT OF
; FILE REFERENCE: C1039/7011
; CURRENT APPLICATION NUMBER: US/09/030,701B
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/039,405
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-030-701-65

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCCGTC 574
DB 20 CCGCGCGCGCGCGCGCGCC 1

RESULT 584
US-09-120-131-29/c
; Sequence 29, Application US/09120131
; Patent No. 6218146
; GENERAL INFORMATION:
; APPLICANT: Kamb, Alexander
; TITLE OF INVENTION: MTS2 GENE
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/120,131
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/486,047
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: PCT/US95/03316
; FILING DATE: 17-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/251,938
; FILING DATE: 01-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,087
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,086
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,369
; FILING DATE: 14-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/214,582
```

```
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Innen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109348-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
US-09-120-131-29

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 505 GAGGCTACTCGAGAGCT 524
DB 20 GAAGGCTTCTGGACAGCT 1

RESULT 585
US-08-430-286A-4/c
; Sequence 4, Application US/08430286A
; Patent No. 6225080
; GENERAL INFORMATION:
; APPLICANT: Uhl, George R.
; APPLICANT: Eppler, C. Mark
; TITLE OF INVENTION: Mu-Subtype Opioid Receptor
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Darby & Darby PC
; STREET: 805 Third Avenue
; CITY: New York
; STATE: New York
; COUNTRY: US
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/430,286A
; FILING DATE: 28-APR-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Robinson, Joseph R.
; REGISTRATION NUMBER: 33,448
; REFERENCE/DOCKET NUMBER: 0646/1A843-US5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-527-7700
; TELEFAX: 212-753-6237
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; ORIGINAL SOURCE:
; ORGANISM: Mus musculus
; IMMEDIATE SOURCE:
; CLONE: DELTA RECEPTOR PRIMER 2
US-08-430-286A-4
```

```
Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 849 CCTGGACAAGGACCTGAAGC 868
Db 20 CCTGGACGAGAACTTCAAGC 1

RESULT 586
US-09-183-846A-1/c
; Sequence 1, Application US/09183846A
; Patent No. 6255046
; GENERAL INFORMATION:
; APPLICANT: Richard J. Bucala et al.
; TITLE OF INVENTION: Inducible Phosphofructokinase and the Warberg Effect
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVIS WRIGHT TREMAINE
; STREET: 1501 Fourth Avenue, 2600 Century Square
; CITY: Seattle
; STATE: Washington
; COUNTRY: U.S.A.
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: PC compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/183,846A
; FILING DATE: 10/30/98
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Oster, Jeffrey B.
; REGISTRATION NUMBER: 32,585
; REFERENCE/DOCKET NUMBER: 0902
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206 628 7711
; TELEFAX: 206 628 7699
; INFORMATION FOR SEQ ID NO: 1:
; FILING DATE: 10/30/98
; CLASSIFICATION:
; APPLICANT: PROCKOP, DARWIN J.
; APPLICANT: SPOTILA, LORETTA D.
; APPLICANT: DELTAS, CONSTANTINOS D.
; APPLICANT: SEREDA, LARISA
; APPLICANT: LARSON, ANDREA W.
; APPLICANT: PACK, MICHAEL
; APPLICANT: COLIGE, ALAIN
; APPLICANT: EARLY, JAMES
; APPLICANT: KORKKO, JARMO
; APPLICANT: ALA-KOKKO, LEENA, et al.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
; TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
; NUMBER OF SEQUENCES: 666
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
; STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
; CITY: PHILADELPHIA
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-7086
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,731
; FILING DATE: 03-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,322
; FILING DATE: 14-MAR-1994
```

```
ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: PC compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/183,846A
; FILING DATE: 10/30/98
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Oster, Jeffrey B.
; REGISTRATION NUMBER: 32,585
; REFERENCE/DOCKET NUMBER: 0902
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206 628 7711
; TELEFAX: 206 628 7699
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: hipfk-2 antisense
US-09-183-846A-2

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1679 CCAACTACATCTTCCCTGCT 1698
Db 1 CCAACGGCACTTCGCGCT 20

RESULT 588
US-08-943-731-542/c
; Sequence 542, Application US/08943731
; Patent No. 6265157
; GENERAL INFORMATION:
; APPLICANT: PROCKOP, DARWIN J.
; APPLICANT: SPOTILA, LORETTA D.
; APPLICANT: DELTAS, CONSTANTINOS D.
; APPLICANT: SEREDA, LARISA
; APPLICANT: LARSON, ANDREA W.
; APPLICANT: PACK, MICHAEL
; APPLICANT: COLIGE, ALAIN
; APPLICANT: EARLY, JAMES
; APPLICANT: KORKKO, JARMO
; APPLICANT: ALA-KOKKO, LEENA, et al.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
; TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
; NUMBER OF SEQUENCES: 666
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
; STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
; CITY: PHILADELPHIA
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-7086
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,731
; FILING DATE: 03-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,322
; FILING DATE: 14-MAR-1994
```

```
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/803,628
; FILING DATE: 03-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: DOYLE LEARY Ph.D., KATHRYN
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: 9598-27
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-965-1284
; TELEFAX: 215-567-2991
; TELEX: 831-494
; INFORMATION FOR SEQ ID NO: 542:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-943-731-542

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1632 CAGCAGGCGCGCTGCGAG 1651
Db 20 CAGAGGCGAGCTCCTGGAG 1

RESULT 589
US-09-489-868A-48
; Sequence 48, Application US/09489868A
; Patent No. 6265216
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
; FILE REFERENCE: RTS-0113
; CURRENT APPLICATION NUMBER: US/09/489,868A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-868A-48

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 627 GGACAACTGGGCGAGGGTA 646
Db 1 GGATAGGCTGAGCGAGGGTA 20

RESULT 590
US-09-593-711A-74/c
; Sequence 74, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/BP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 74
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-74

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 65 TGAACCCAGGGGAGGCC 84
Db 20 TGAGACTCGGGGAGGCC 1

RESULT 591
US-09-109-663-36/c
; Sequence 36, Application US/09109663
; Patent No. 6277981
; GENERAL INFORMATION:
; APPLICANT: Tu, Guang-Chou
; APPLICANT: Israel, Yedy
; TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF
; TITLE OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 9855-3U1
; CURRENT APPLICATION NUMBER: US/09/109,663
; CURRENT FILING DATE: 1998-07-03
; EARLIER APPLICATION NUMBER: 60/051,705
; EARLIER FILING DATE: 1997-07-03
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Known
; OTHER INFORMATION: Effective ASO
US-09-109-663-36

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGTGTGTGGCGG 245
Db 20 GAGAGGGGAAGTGTGGGG 1

RESULT 592
US-09-009-490A-15/c
; Sequence 15, Application US/09009490A
; Patent No. 6300491
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Office of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/009,490A
; FILING DATE: January 20, 1998
```


CLASSIFICATION: 514
PRIOR APPLICATION DATA: 440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA: 007,997
FILING DATE: January 20, 1993
PRIOR APPLICATION DATA: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-009-490A-15
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 226 GAGAGTGTGTGTGTGTGGCGG 245
Db 20 GAGAGGGGAAAGTGTGTGGGG 1
RESULT 593
US-09-364-416-20/c
Sequence 20, Application US/09364416
Patent No. 6312900
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia, Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods for the Modulation of
TITLE OF INVENTION: Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA: US/09/364,416
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201

FILING DATE: April 14, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-364-416-20
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 725 AAGAGGGGGACCTGCACC 744
Db 20 AAGGGGAGGAGCGCGCAC 1
RESULT 594
US-09-488-856A-15
Sequence 15, Application US/09488856A
Patent No. 6316259
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Robert McKay
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXP
FILE REFERENCE: RTS-0115
CURRENT APPLICATION NUMBER: US/09/488,856A
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: Antisense Oligonucleotide
OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-856A-15
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 556 CTCAGCGCGCGCTTCGTCG 575
Db 1 CTCGCTGCTCCTCTCCGCG 20
RESULT 595
US-08-895-981-21/c
Sequence 21, Application US/08895981
Patent No. 6326487
GENERAL INFORMATION:
APPLICANT: Peyman, Anushirwan
APPLICANT: Uhlmann, Eugen
APPLICANT: Carolus, Carolin
TITLE OF INVENTION: 3'-Modified Oligonucleotide Derivatives
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoechst Marion Roussel, Inc.
STREET: 2110 E. Galbraith Road, P.O. Box 156300
CITY: Cincinnati
STATE: Ohio
COUNTRY: USA

```
;
; ZIP: 45215-6300
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/895,981
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/462,305
; FILING DATE: 05-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Payne, T. Helen
; REGISTRATION NUMBER: 36,889
; REFERENCE/DOCKET NUMBER: H0894/F161K US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 513-948-7183
; TELEFAX: 513-948-7960 or 4681
; TELEX: 214320
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-08-895-981-21
;
; Query Match 0.8%; Score 13.6; DB 1; Length 20;
; Best Local Similarity 80.0%; Pred. No. 4.6e+02;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
; QY 226 GAGAGTGGTGGTGGCGG 245
; DB 20 GAGAGGGGAAGTGGTGGGG 1
;
; RESULT 596
; US-09-657-042A-12
; Sequence 12, Application US/09657042A
; Patent No. 6329203
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION
; FILE REFERENCE: RTS-0148
; CURRENT APPLICATION NUMBER: US/09/657,042A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-657-042A-12
;
; Query Match 0.8%; Score 13.6; DB 1; Length 20;
; Best Local Similarity 80.0%; Pred. No. 4.6e+02;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
; QY 340 GACTTGAAGATGGGCTCTCA 359
; DB 1 GAGTTGAACATGGCGTCTCA 20
;
; RESULT 597
; US-09-082-649B-57/C
; Sequence 57, Application US/09082649B
; Patent No. 6339068
; GENERAL INFORMATION:
```

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; APPLICANT: Davis, Heather L.
; APPLICANT: Kriesg, Arthur M.
; APPLICANT: Schorr, Joachim
; APPLICANT: Wu, Tong
; TITLE OF INVENTION: Vectors and Methods for Immunization or
; TITLE OF INVENTION: Therapeutic Protocols
; FILE REFERENCE: C1039/7009
; CURRENT APPLICATION NUMBER: US/09/082,649B
; CURRENT FILING DATE: 1998-05-20
; PRIOR APPLICATION NUMBER: US 60/047,233
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: US 60/047,209
; PRIOR FILING DATE: 1997-05-20
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
; US-09-082-649B-57
;
; Query Match 0.8%; Score 13.6; DB 1; Length 20;
; Best Local Similarity 80.0%; Pred. No. 4.6e+02;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
; QY 555 CCTCAGCGCGCGCTCCGTC 574
; DB 20 CCGCGCGCGCGCGCGCC 1
;
; RESULT 598
; US-09-268-992-28/c
; Sequence 28, Application US/09268992
; Patent No. 6342351
; GENERAL INFORMATION:
; APPLICANT: Chen, H.
; APPLICANT: Freimer, N.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING
; TITLE OF INVENTION: AND TREATING CHROMOSOME-18p RELATED DISORDERS
; FILE REFERENCE: 7853-138
; CURRENT APPLICATION NUMBER: US/09/268,992
; CURRENT FILING DATE: 1999-03-16
; EARLIER APPLICATION NUMBER: 09/236,134
; EARLIER FILING DATE: 1999-01-22
; EARLIER APPLICATION NUMBER: 60/106,056
; EARLIER FILING DATE: 1998-10-28
; EARLIER APPLICATION NUMBER: 60/088,312
; EARLIER FILING DATE: 1998-06-05
; EARLIER APPLICATION NUMBER: 60/078,044
; EARLIER FILING DATE: 1998-03-16
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; US-09-268-992-28
;
; Query Match 0.8%; Score 13.6; DB 1; Length 20;
; Best Local Similarity 80.0%; Pred. No. 4.6e+02;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
; QY 156 GTCAATGACACTCCGAGGTG 175
; DB 20 GTCCATGAACACTTGGAGGTG 1
;
; RESULT 599
; US-09-161-241-22
```

```
; Sequence 22, Application US/09161241
; Patent No. 6344541
; GENERAL INFORMATION:
; APPLICANT: Bass, Michael B
; APPLICANT: Sullivan, John K
; APPLICANT: Theill, Lars E
; APPLICANT: Wang, Daguang
; TITLE OF INVENTION: NOVEL DKR POLYPEPTIDES
; FILE REFERENCE: A-548
; CURRENT APPLICATION NUMBER: US/09/161,241
; CURRENT FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide primer
US-09-161-241-22

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1633 AGCAGCGCGGCTGGAGGG 1652
Db 1 ACATGCGCGGCTCGGGGG 20

RESULT 600
US-08-337-120A-29/c
; Sequence 29, Application US/08337120A
; Patent No. 6348312
; GENERAL INFORMATION:
; APPLICANT: Peyman, Anuschirwan
; APPLICANT: Uhlmann, Eugen
; APPLICANT: Mag, Matthias
; APPLICANT: Kretschmar, Gerhard
; APPLICANT: Helsing, Matthias
; APPLICANT: Winkler, Irvin
; TITLE OF INVENTION: Stabilized Oligonucleotides And Their
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner, L.L.P.
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/337,120A
; FILING DATE: 12-NOV-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 43 38 704.7
; FILING DATE: 12-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Einaudi, Carol P.
; REGISTRATION NUMBER: 32,220
; REFERENCE/DOCKET NUMBER: 02481.1409-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)408-4000
; TELEFAX: (202)408-4400
; INFORMATION FOR SEQ ID NO: 29:
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-337-120A-29

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGGG 245
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 601
US-08-339-214-67
; Sequence 67, Application US/08339214
; Patent No. 6348334
; GENERAL INFORMATION:
; APPLICANT: Nagata, Shigikazu
; APPLICANT: Suda, Takashi
; APPLICANT: Takahashi, Tomoniro
; APPLICANT: Nakamura, No. 6348334io
; TITLE OF INVENTION: A Fas Ligand, A Fragment Thereof and DNA
; TITLE OF INVENTION: Encoding the Same
; NUMBER OF SEQUENCES: 103
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/339,214
; FILING DATE: 10-NOV-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 1110-139P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "ps type S50"
; ANTI-SENSE: NO
US-08-339-214-67

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 483 ACCAGCTGACATCGGCTGC 502
Db 1 ACCAGCTGCATGCAGCAGC 20

RESULT 602
```

US-08-339-214-68/c
; Sequence 68, Application US/08339214
; Patent No. 6348334
; GENERAL INFORMATION:
; APPLICANT: Nagata, Shigikazu
; APPLICANT: Suda, Takashi
; APPLICANT: Takahashi, Tomoniro
; APPLICANT: Nakamura, No. 634833410
; TITLE OF INVENTION: A Fas Ligand, A Fragment Thereof and DNA
; TITLE OF INVENTION: Encoding the Same
; NUMBER OF SEQUENCES: 103
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/339,214
; FILING DATE: 10-NOV-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 1110-139P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PS type A69"
; ANTI-SENSE: YES
US-08-339-214-68

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 483 ACCAGCTGACATCCGGCTGC 502
|||||
Db 20 ACCAGCTGCCATGCAGCAGC 1

RESULT 603
US-09-210-288-24
; Sequence 24, Application US/09210288
; Patent No. 6392026
; GENERAL INFORMATION:
; APPLICANT: Sim, Kim L.
; APPLICANT: Chitnis, Chetan
; APPLICANT: Miller, Louis H.
; APPLICANT: Peterson, David S.
; APPLICANT: Su, Xin-zhaun
; APPLICANT: Wellens, Thomas E.
; TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
; TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe Martens Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: California

COUNTRY: US
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/210,288
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Fuller, Michael
; REGISTRATION NUMBER: 36,516
; REFERENCE/DOCKET NUMBER: NIH121.1FWDV1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 235-8550
; TELEFAX: (619) 235-0176
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
US-09-210-288-24

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 55.6%; Pred. No. 4.6e+02;
Matches 10; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 1630 CCCAGCAGCGCAGCGCTG 1647
|||||
Db 1 CCSMGSMGSCAGCAGYTS 18

RESULT 604
US-09-657-474-28/c
; Sequence 28, Application US/09657474
; Patent No. 6399762
; GENERAL INFORMATION:
; APPLICANT: Chen, H.
; APPLICANT: Freimer, N.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING
; TITLE OF INVENTION: AND TREATING CHROMOSOME-18p RELATED DISORDERS
; FILE REFERENCE: 7853-138
; CURRENT APPLICATION NUMBER: US/09/657,474
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: 09/268,992
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 09/236,134
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 60/106,056
; PRIOR FILING DATE: 1998-10-28
; PRIOR APPLICATION NUMBER: 60/088,312
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/078,044
; PRIOR FILING DATE: 1998-03-16
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-657-474-28

Query Match 0.8%; Score 13.6; DB 1; Length 20;

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Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 156 GTCAATGACACTCCGAGGTG 175
    ||| ||| ||| ||| ||| |||
Db 20 GTCCATGAACCTTGGAGGTG 1

RESULT 605
US-09-506-073-11/c
; Sequence 11, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-11

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1186 ATGGCCACAGCGCTCCCT 1205
    ||| ||| ||| ||| ||| |||
Db 20 ATGGCTCCAGCGCTTCACCT 1

RESULT 606
US-08-961-578C-1/c
; Sequence 1, Application US/08961578C
; Patent No. 6413939
; GENERAL INFORMATION:
; APPLICANT: Bucala, Richard J. et al.
; TITLE OF INVENTION: Cancer Treatment Assay Using the Warberg Effect
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: THE PICOWER INSTITUTE FOR MEDICAL RESEARCH
; STREET: 350 Community Drive
; CITY: Manhasset
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11030
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: PC compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/961,578C
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oster, Jeffrey B.
; REGISTRATION NUMBER: 32,585
; REFERENCE/DOCKET NUMBER: 0901
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 516 562 9404
; TELEFAX: 516 365 7919
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: hiPFK-2 antisense
US-08-961-578C-2

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1679 CCAACTACATCTTCCCTGCT 1698
    ||| ||| ||| ||| ||| |||
Db 20 CCAACGGCATCTTCGGGCT 1

RESULT 607
US-08-961-578C-2
; Sequence 2, Application US/08961578C
; Patent No. 6413939
; GENERAL INFORMATION:
; APPLICANT: Bucala, Richard J. et al.
; TITLE OF INVENTION: Cancer Treatment Assay Using the Warberg Effect
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: THE PICOWER INSTITUTE FOR MEDICAL RESEARCH
; STREET: 350 Community Drive
; CITY: Manhasset
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11030
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: PC compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/961,578C
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oster, Jeffrey B.
; REGISTRATION NUMBER: 32,585
; REFERENCE/DOCKET NUMBER: 0901
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 516 562 9404
; TELEFAX: 516 365 7919
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: hiPFK-2 antisense
US-08-961-578C-2

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1679 CCAACTACATCTTCCCTGCT 1698
    ||| ||| ||| ||| ||| |||
Db 1 CCAACGGCATCTTCGGGCT 20
```

RESULT 608

US-09-853-768-73/c
; Sequence 73, Application US/09853768
; Patent No. 6444466
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF HELICASE-MOI EXPRESSION
; FILE REFERENCE: RTS-0217
; CURRENT APPLICATION NUMBER: US/09/853,768
; CURRENT FILING DATE: 2001-05-10
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-853-768-73

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1380 GGCGACCTCCTCACCACAGC 1399

DB 20 GGACTACTCATACCAAGC 1

RESULT 609

US-09-640-101-75/c
; Sequence 75, Application US/09640101
; Patent No. 6448079
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0488
; CURRENT APPLICATION NUMBER: US/09/640,101
; CURRENT FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-640-101-75

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1153 GACATGTGGGTGTGGGCTG 1172

DB 20 GACATCTGGTCTGTGGGCTG 1

RESULT 610

US-09-791-211-78
; Sequence 78, Application US/09791211
; Patent No. 6448080
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF WRN EXPRESSION
; FILE REFERENCE: RTS-0205

; CURRENT APPLICATION NUMBER: US/09/791,211
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-211-78

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1181 ATGAGATGCCACAGGCGGT 1200

DB 1 ATGTGATGCCCATAGACTGT 20

RESULT 611

US-09-851-062-47/c
; Sequence 47, Application US/09851062
; Patent No. 6448081
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
; FILE REFERENCE: RTS-0247
; CURRENT APPLICATION NUMBER: US/09/851,062
; CURRENT FILING DATE: 2001-05-07
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-47

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1717 CTGAGCCATGTCACCTGCC 1736

DB 20 CTCAGCCACGGTCATCTGCC 1

RESULT 612

US-09-517-467B-125/c
; Sequence 125, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-125

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;

RESULT 615
US-09-288-679-4/c
; Sequence 4, Application US/09288679
; Patent No. 6465628
; GENERAL INFORMATION:

```

; TITLE OF INVENTION: USE
; FILE REFERENCE: 026083/0181
; CURRENT APPLICATION NUMBER: US/09/643,233
; CURRENT FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 09/144,112

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US-09-288-679-4/c
; Sequence 4, Application US/09288679
; Patent No. 6465628
; GENERAL INFORMATION:

```

; PRIOR FILING DATE: 1998-08-31
;
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description
; OTHER INFORMATION: Oligonucleotide
US-06-643-233-20

```

```
Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16: Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

RESULT 618
US-09-898-361-103
; Sequence 103, Application US/09898361
: Patent No 6503152

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16: Conservative 0; Mismatches 4; Indels 0; Gaps 0;

RESULT 619
US-09-668-313A-93
; Sequence 93, Application US/09668313A
; Patent No. 6503756

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4

Qy 1303 GAGTTCACGACATACAATA 1322
|||
Db 1 GATTTCAAAAATATAACTA 20
|||||

```

RESULT 620
US-09-422-978-11617/c
; Sequence 11617, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1

```

Query Match	0.8%	Score 13.6;	DB 1;	Length 20;
Best Local Similarity	80.0%;	Pred. No. 4.6e+02;		
Matches 16;	Conservative	0;	Mismatches 4;	Indels 0;
Gaps 0;				

RESULT 621
US-09-198-452A-2072/c
; Sequence 2072, Application US/09198452A
; Patent No. 6559294

Query Match	0.8%;	Score 13.6;	DB 1;	Length 20;
Best Local Similarity	80.0%;	Pred. No. 4.6e+02;		
Matches 16:	Conservative	0:	Mismatches 4:	Indels 0;
	Gaps	0:		


```
RESULT 622
US-09-198-452A-3394/c
; Sequence 3394, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3394
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3394
Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

;
QY 154 CTGTCAATGACATCCGAGG 173
|||||
Db 20 CTGTGATTACACCGAGG 1

RESULT 623
US-09-198-452A-3649/c
; Sequence 3649, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3649
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3649
Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

;
QY 1684 TACATCTCCCTGCTTACTC 1703
|||||
Db 20 TACTTCTCCCTCCCTTCTC 1

RESULT 624
US-09-198-452A-4585
; Sequence 4585, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4585
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4585
Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

;
QY 9 GCGTAAAGGATGGACAGGAA 28
|||||
Db 1 GCGTTCAAGATCTACAGGAA 20

RESULT 625
US-09-198-452A-5261
; Sequence 5261, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5261
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5261
Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

;
QY 953 GCCACCGCGCAGAGGTGCTA 972
|||||
Db 1 GCTATCGCGCAGATGCTA 20

RESULT 626
US-09-198-452A-5947/c
; Sequence 5947, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5947
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5947
Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

;
QY 542 TCCTTGACAAAGCCCTCAGC 561
|||||
Db 20 TATTGTCAAGCCCAACC 1

RESULT 627
US-09-198-452A-6067
; Sequence 6067, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
```

```
; APPLICANT: Grifais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6067
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6067

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 761 CCTGCTCAAGGACCTCAAA 780
Db 1 CGCTGCTCAAGACATCAGA 20

RESULT 628
US-09-670-216-1/c
; Sequence 1, Application US/09670216
; Patent No. 6596851
; GENERAL INFORMATION:
; APPLICANT: Bucala, Richard J.
; APPLICANT: Chesney, Jason A.
; APPLICANT: Mitchell, Robert A.
; TITLE OF INVENTION: Inducible Phosphofructokinase and the Warburg Effect
; FILE REFERENCE: 9511-064-27 DIV
; CURRENT APPLICATION NUMBER: US/09/670,216
; CURRENT FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US 09/183,846
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: US 08/961,578
; PRIOR FILING DATE: 1997-10-31
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hiPFK-2 antisense
US-09-670-216-1

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1679 CCAACTACATCTTCCTGCT 1698
Db 20 CCAACGGCATCTTCGGGCT 1

RESULT 629
US-09-670-216-2
; Sequence 2, Application US/09670216
; Patent No. 6596851
; GENERAL INFORMATION:
; APPLICANT: Bucala, Richard J.
; APPLICANT: Chesney, Jason A.
; APPLICANT: Mitchell, Robert A.
; TITLE OF INVENTION: Inducible Phosphofructokinase and the Warburg Effect
; FILE REFERENCE: 9511-064-27 DIV
; CURRENT APPLICATION NUMBER: US/09/670,216
; CURRENT FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US 09/183,846
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: US 08/961,578
```

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; PRIOR FILING DATE: 1997-10-31
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hi-PPK-2 antisense
US-09-670-216-2

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1679 CCAACTACATCTTCCTGCT 1698
Db 1 CCAACGGCATCTTCGGGCT 20

RESULT 630
US-09-692-820A-4/c
; Sequence 4, Application US/09692820A
; Patent No. 6602674
; GENERAL INFORMATION:
; APPLICANT: O'Brien, Timothy J.
; APPLICANT: Underwood, Lowell J.
; APPLICANT: Tanimoto, Hirotooshi
; APPLICANT: Shigemasa, Kazushi
; TITLE OF INVENTION: Uses of Antileukoprotease in Carcinoma
; FILE REFERENCE: D6247
; CURRENT APPLICATION NUMBER: US/09/692,820A
; CURRENT FILING DATE: 2000-01-18
; PRIOR APPLICATION NUMBER: US 60/159,972
; PRIOR FILING DATE: 1999-10-18
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Microsoft Word 98
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse oligonucleotide primer for PCR amplification of
; OTHER INFORMATION: antileukoprotease
US-09-692-820A-4

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1109 CCCCTGACATCTGCTGGG 1128
Db 20 CCACTGATATCTCTCTTGG 1

RESULT 631
US-09-665-615B-39
; Sequence 39, Application US/09665615B
; Patent No. 6653133
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcusson, Eric G.
; APPLICANT: Wyatt, Jacqueline
; TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-0502
; CURRENT APPLICATION NUMBER: US/09/665,615B
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: PatentIn ver. 2.0
; SEQ ID NO 39
; LENGTH: 20
```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-665-6159-39

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1659 CACCCCTCACGGCAGCCC 1678
| | | | | | | | | | | | | | | | | | | | | |
Db 1 CCCTCTTCACATGGCAGCCC 20

RESULT 632
US-08-278-774-24/c
; Sequence 24, Application US/08278774
; Patent No. 6653450
; GENERAL INFORMATION:
; APPLICANT: Berg, Richard A
; APPLICANT: Toman, David P
; APPLICANT: Wallace, Donald
; TITLE OF INVENTION: MUTATED RECOMBINANT COLLAGENS
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: COLLAGEN CORPORATION
; STREET: 2500 Faber Place
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/278,774
; FILING DATE: 22-JUL-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rafayko, Kathi L
; REGISTRATION NUMBER: 36,644
; REFERENCE/DOCKET NUMBER: 94-018
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 354-4642
; TELEFAX: (415) 354-4752
; TELEX:
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-278-774-24

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1555 TCTTCGTGATGCTGACTC 1574
| | | | | | | | | | | | | | | | | | | | | |
Db 20 TCTTGGTGGTGGTGACTC 1

RESULT 633
US-09-870-956-33/c
; Sequence 33, Application US/09870956
; Patent No. 6683169
; GENERAL INFORMATION:
; APPLICANT: Knipp, Gregory T.

; APPLICANT: Herrera-Ruiz, Dea
; APPLICANT: Rutgers, The State University of New Jersey
; TITLE OF INVENTION: No. 6683169el Compositions for the Expression of the Human Peptide
; FILE REFERENCE: Hisidine Transporter 1 and Methods of Use Thereof
; CURRENT APPLICATION NUMBER: US/09/870,956
; CURRENT FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 60/208,061
; PRIOR FILING DATE: 2000-05-31
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-870-956-33

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 551 AGCCCTCAGCGCGCGCTC 570
| | | | | | | | | | | | | | | | | | | | | |
Db 20 AACGCCCCAGCGCGCGCGC 1

RESULT 634
US-10-215-448-70
; Sequence 70, Application US/10215448
; Patent No. 6716975
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
; FILE REFERENCE: RTS-0179
; CURRENT APPLICATION NUMBER: US/10/215,448
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-70

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1720 AGCATGTTCACTGCGCCAC 1739
| | | | | | | | | | | | | | | | | | | | | |
Db 1 AACCATCTTCATCTTCCAC 20

RESULT 635
US-10-215-448-102/c
; Sequence 102, Application US/10215448
; Patent No. 6716975
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
; FILE REFERENCE: RTS-0179
; CURRENT APPLICATION NUMBER: US/10/215,448
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-215-448-102

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1720 AGCCATGTTCCACTCCAC 1739

Db 20 AACCATCTCATCTTCCAC 1

RESULT 636

US-09-747-772-3/c

; Sequence 3, Application US/09747772

; Patent No. 6734167

; GENERAL INFORMATION:

; APPLICANT: O'Hare, Peter Francis Joseph

; APPLICANT: No. 6734167mand, Nadia Michelle

; APPLICANT: Brewis, Neil Douglas

; APPLICANT: Phelan, Anne

; TITLE OF INVENTION: Uses of Transport Proteins

; FILE REFERENCE: 5759-56969

; CURRENT APPLICATION NUMBER: US/09/747,772

; CURRENT FILING DATE: 2000-12-20

; NUMBER OF SEQ ID NOS: 5

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 3

; LENGTH: 20

; TYPE: DNA

; ORGANISM: synthetic construct

US-09-747-772-3

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245

Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 637

US-09-747-772-4/c

; Sequence 4, Application US/09747772

; Patent No. 6734167

; GENERAL INFORMATION:

; APPLICANT: O'Hare, Peter Francis Joseph

; APPLICANT: No. 6734167mand, Nadia Michelle

; APPLICANT: Brewis, Neil Douglas

; APPLICANT: Phelan, Anne

; TITLE OF INVENTION: Uses of Transport Proteins

; FILE REFERENCE: 5759-56969

; CURRENT APPLICATION NUMBER: US/09/747,772

; CURRENT FILING DATE: 2000-12-20

; NUMBER OF SEQ ID NOS: 5

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4

; LENGTH: 20

; TYPE: DNA

; ORGANISM: synthetic construct

US-09-747-772-4

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245

Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 638

US-10-029-598-2/c

; Sequence 2, Application US/10029598

; Patent No. 6747014
; GENERAL INFORMATION:
; APPLICANT: Teng, Ching-Leou
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Tillman, Lloyd
; APPLICANT: Hardee, Gregory E.
; APPLICANT: Ecker, David J.
; APPLICANT: Mancharan, Muthiah
; TITLE OF INVENTION: Compositions And Methods For No. 6747014-Parental Delivery Of Oligonucleotides
; FILE REFERENCE: ISIS4945
; CURRENT APPLICATION NUMBER: US/10/029,598
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 08/082,624
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: 09/315,298
; PRIOR FILING DATE: 1999-05-20
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Sequence
; NAME/KEY: misc feature
; LOCATION: (1)-(20)
; OTHER INFORMATION: Phosphorothioate linkage
US-10-029-598-2

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245

Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 639

US-09-835-370-42/c

; Sequence 42, Application US/09835370

; Patent No. 6777544

; GENERAL INFORMATION:

; APPLICANT: UHLMANN, EUGEN

; APPLICANT: BREIPOHL, GERHARD

; APPLICANT: WILL, DAVID W

; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND

; FILE REFERENCE: 02481.1742 SEQUENCE LISTING

; CURRENT APPLICATION NUMBER: US/09/835,370

; CURRENT FILING DATE: 2001-04-17

; NUMBER OF SEQ ID NOS: 64

; SOFTWARE: PatentIn ver. 2.1

; SEQ ID NO 42

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: nucleotide

; OTHER INFORMATION: base sequence of PNA derivatives that bind to

; OTHER INFORMATION: viral and cellular targets

US-09-835-370-42

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245

Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 640

PCT-US93-08101-15/c
; Sequence 15, Application PC/TUS9308101
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodland Falls Corporate Park
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/08101
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05209
; FILING DATE: July 23, 1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
PCT-US93-08101-15
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGGAGTGGTGGGG 1
RESULT 641
PCT-US95-07111A-11/c
; Sequence 11, Application PC/TUS9507111A
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; TITLE OF INVENTION: of raf Gene Expression
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ

COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07111A
; FILING DATE: May 31, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250,856
; FILING DATE: May 31, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0135
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
PCT-US95-07111A-11
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 1186 ATGCCACAGCGCTGCCCT 1205
Db 20 ATGGCTCAGCGCTTCACCT 1
RESULT 642
PCT-US96-03388-83/c
; Sequence 83, Application PC/TUS9609388
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09388
; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 563-4100
; TELEFAX: (215) 563-4044

; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
PCT-US96-09388-83

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 733 GCACCTGCACGCCATCG 752
||| |||||
DB 20 GCAGCAGCGCCGATCG 1

RESULT 643

US-09-657-472-2302
; Sequence 2302, Application US/09657472
; Patent No. 6727063

GENERAL INFORMATION:

; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2302
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-2302

Query Match 0.8%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1459 TTCTCAGTCGTGGGAGGCG 1478
|||||
DB 1 TTCTCAGGCGGGGAGGCG 20

RESULT 644

US-08-291-932A-320
; Sequence 320, Application US/08291932A
; Patent No. 5658780

; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 320:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-291-932A-320

Query Match 0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 3.1e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAAGC 553
|||:|:|:|:|
DB 1 CCAUCUUGACAAUC 15

RESULT 645

US-09-081-646-233/c
; Sequence 233, Application US/09081646
; Patent No. 6333152

; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 233
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-233

Query Match 0.8%; Score 13.4; DB 1; Length 15;

Best Local Similarity 93.3%; Pred. No. 3.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 926 TCCAGTCTCCGTG 940
Db 15 TCCAGTCTCCATG 1

RESULT 646

US-08-584-040-8419/c
; Sequence 8419, Application US/08584040
; Patent No. 6346398

; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8419:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-584-040-8419

Query Match 0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1501 ACTTCCATATTGCA 1515
Db 15 ATTTCATATTGCA 1

RESULT 647

US-09-371-772B-4075/c
; Sequence 4075, Application US/09371772B
; Patent No. 6566127

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 4075
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-4075

Query Match 0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1501 ACTTCCATATTGCA 1515
Db 15 ATTTCATATTGCA 1

RESULT 648

US-09-472-795B-1
; Sequence 1, Application US/09472795B
; Patent No. 6654696

; GENERAL INFORMATION:
; APPLICANT: Davies, Stephen
; TITLE OF INVENTION: Coded DNA Processing
; FILE REFERENCE: Davies
; CURRENT APPLICATION NUMBER: US/09/472,795B
; CURRENT FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: Canada 2,256,128
; PRIOR FILING DATE: 1998-12-29
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: arbitrary random sequence chosen to illustrate concept

US-09-472-795B-1
Query Match 0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1326 CAAGTACCGAGCTGA 1340
Db 1 CAAGTACCGAGCTGA 15

RESULT 649

US-09-371-772B-6994/c
; Sequence 6994, Application US/09371772B
; Patent No. 6566127

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime

```
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6994
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6994

Query Match      0.8%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1054 AAGTCAATCCCAACA 1068
Db 15 AAGTCAATCCCAACA 1

RESULT 650
US-08-009-263C-33/c
; Sequence 33, Application US/08009263C
; Patent No. 5442049
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
; TITLE OF INVENTION: Oligonucleotides for Modulating the
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Woodcock Washburn Kurtz
; ADDRESSER: Mackiewicz & No. 5442049ris
; STREET: One Liberty Place -- 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/009,263C
; FILING DATE: January 25, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 927,506
; FILING DATE: No. 5442049ember 19, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0844
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-009-263C-33
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```
Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 135 GAAGAAGATCAACG 149
Db 16 GAAGAAGATCAACG 2

RESULT 651
US-08-985-162-301
; Sequence 301, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELETYPE: 67-3510
; INFORMATION FOR SEQ ID NO: 301:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-301

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 989 CCCAGAACCTGCTCA 1003
Db 3 CCCAGUACCCGUCA 17

RESULT 652
US-08-838-715B-33/c
; Sequence 33, Application US/08838715B
; Patent No. 6153595
; GENERAL INFORMATION:
```


APPLICANT: Draper, Chapman, Kisner, Anderson
TITLE OF INVENTION: Composition and Method for Treatment
of CMV Infection
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jane Massey Licata, Esq.
STREET: 66 E. Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,715B
FILING DATE: April 9, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/568,366
FILING DATE: 8/16/90
APPLICATION NUMBER: 07/927,506
FILING DATE: 11/19/92
APPLICATION NUMBER: 08/009,263
FILING DATE: 1/25/93
APPLICATION NUMBER: 08/233,711
FILING DATE: 4/26/94
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0204
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-838-715B-33

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 135 GAAGAGATCAACG 149
Db 16 GAAGAGAGCAACG 2

RESULT 653
US-08-924-183-6/c
Sequence 6, Application US/08924183A
Patent No. 6218109
GENERAL INFORMATION:
APPLICANT: Ellledge, Stephen J.
APPLICANT: Sanchez, Yolanda
TITLE OF INVENTION: MAMMALIAN CHECKPOINT GENES AND PROTEINS
FILE REFERENCE: 120541-1003
CURRENT APPLICATION NUMBER: US/08/924,183A
CURRENT FILING DATE: 1997-09-05
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-08-924-183-6

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1033 GACTTGGCCTGGCC 1047
Db 17 GACTTGGCCTGTCC 3

RESULT 654
US-09-488-364-6/c
Sequence 6, Application US/09488364
Patent No. 6307015
GENERAL INFORMATION:
APPLICANT: Ellledge, Stephen J.
APPLICANT: Sanchez, Yolanda
TITLE OF INVENTION: MAMMALIAN CHECKPOINT GENES AND PROTEINS
FILE REFERENCE: 120541-1013
CURRENT APPLICATION NUMBER: US/09/488,364
CURRENT FILING DATE: 2000-01-12
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-488-364-6

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1033 GACTTGGCCTGGCC 1047
Db 17 GACTTGGCCTGTCC 3

RESULT 655
US-08-584-040-1929/c
Sequence 1929, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:

```
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1929:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-1929

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1501 ACTTCCATATTGCA 1515
Db 16 ATTTCCATATTGCA 2

RESULT 656
US-08-584-040-4221
; Sequence 4221, Application US/08/584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
```

```
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4221:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-4221

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1032 TGACTTTGGCCTGGC 1046
Db 3 UGACUUUGGCUUGGC 17

RESULT 657
US-09-474-432B-438/c
; Sequence 438, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 438
; TYPE: RNA
; LENGTH: 17
; ORGANISM: Homo sapiens
US-09-474-432B-438

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCGTGG 941
Db 16 CCAGCTGCACCGTGG 2

RESULT 658
US-09-474-432B-504
; Sequence 504, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
```

```

; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MH800-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 504
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-504

```

Query Match	Score	DB 1	Length
Best Local Similarity	0.8%	13.4	17
Matches 11; Conservative	73.3%	Pred. No. 3.9e+02	
		3; Mismatches	1; Indels
			0; Gaps

QY 49 CCAGCAGTGTGACTG 63
||||| : : : : :
Db 3 CCAGCUGUGAGACUG 17

RESULT 659

```

US-09-371-772B-474/c
; Sequence 474, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for
; TITLE OF INVENTION: Levels of Vascular E
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 474
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-474

```

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels

QY 1501 ACTTCCATATTGCA 1515
| | | | | | | | | |
Db 16 ATTCCCATATTGCA 2

RESULT 660

RESOLVED: 660
US-09-371-772B-1988
; Sequence 1988, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam

```

: APPLICANT: McSwiggen, Jim
: APPLICANT: Stinchcomb, Dan
: APPLICANT: Escobedo, Jaime
: TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
: TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
: FILE REFERENCE: MEH00,876-J (237//198)
: CURRENT APPLICATION NUMBER: US/09/371,772B
: CURRENT FILING DATE: 1999-08-10
: PRIOR APPLICATION NUMBER: US 60/005,974
: PRIOR FILING DATE: 1995-10-26
: PRIOR APPLICATION NUMBER: US 08/584,040
: PRIOR FILING DATE: 1996-01-08
: NUMBER OF SEQ ID NOS: 14225
: SOFTWARE: PatencIn version 3.0
: SEQ ID NO 1988
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Homo sapiens
: US-09-371-772B-1988

```

```

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 5; Mismatches 1; Indels

```

QY 1032 TGACTTTGGCCTGGC 1046
:
Db 3 UGACUUUGGCUUGC 17

RESULT 661

```

US-09-371-772B-4764/c
; Sequence 4764, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for
; TITLE OF INVENTION: Levels of Vascular E
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4764
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4764

```

```
Query Match      0.8%;      Score 13.4;  DB 1;      Length 17;
Best Local Similarity 93.3%;  Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
```

Qy 1504 TCCATATTGCACTA 1518
Db 17 TCCATATTGCACTA 3

RESULT 662

US-09-476-387-437/c
; Sequence 437, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber

APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
FILE REFERENCE: MHB00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0
SEQ ID NO 437
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-476-387-437

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCCGTGG 941
|||||
DB 16 CCAGCTGCACCGTG 2

RESULT 663
US-09-476-387-503
Sequence 503, Application US/09476387
Patent No. 6617438
GENERAL INFORMATION:
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
FILE REFERENCE: MHB00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0
SEQ ID NO 503
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-476-387-503

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 3.9e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 49 CCAGCAGTGTGACTG 63
|||||
DB 3 CCAGCUGUGACUG 17

RESULT 664
US-09-401-063-301
Sequence 301, Application US/09401063
Patent No. 6623962
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
OF DISEASES OR CONDITIONS RELATED
TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 301:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-301

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 3.9e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 989 CCCAGAACCTGCTCA 1003
|||||
DB 3 CCCAGUACCGUCA 17

RESULT 665
US-09-827-998-546
Sequence 546, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark

; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 546
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-546

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 289 CTTGTTCTGCACGG 303
||| ||||| ||||| |||||
Db 1 CTTGTTCTGCACGG 15

RESULT 666
US-09-866-108A-66/c
; Sequence 66, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 66
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-66

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1181 ATGAGATGCCACAG 1195
||| ||||| ||||| |||||
Db 17 ATGAGATGCCACAG 3

RESULT 667
US-09-866-108A-67/c
; Sequence 67, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 67
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-67

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1181 ATGAGATGCCACAG 1195
||| ||||| ||||| |||||
Db 16 ATGAGATGCCACAG 2

RESULT 668
US-09-866-108A-68/c
; Sequence 68, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.

```

; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8896
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8896

Query Match 0.88; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.38; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 165 ACTCGAGGTGGCGG 179
      |||||
Db 17 ACTCGAGGTGGCGG 3

RESULT 670
US-09-866-108A-8897/c
; Sequence 8897, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A6OMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8897
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8897

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Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 165 ACTCGAGGTGGCCG 179
Db 16 ACTCGAGGTGGCCG 2

RESULT 671
US-09-866-108A-8898/c
; Sequence 8898, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8898
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8898

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 165 ACTCGAGGTGGCCG 179
Db 15 ACTCGAGGTGGCCG 1

RESULT 672
US-08-363-240A-1197
; Sequence 1197, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
```

```
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-1197

Query Match          0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 60.0%; Pred. No. 4.3e+02;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1028 TGGCTGACTTGGCC 1042
Db 3 UGGCUGACUUUGUCC 17

RESULT 673
US-09-205-860-77/c
; Sequence 77, Application US/09205860
; Patent No. 5981732
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
; FILE REFERENCE: RFS-0031
; CURRENT APPLICATION NUMBER: US/09/205,860
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 77
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-860-77

Query Match          0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 810 TATCACACGGAGAA 824
| | | | | | | | | |
Db 18 TATCAACACGGAGAA 4

RESULT 674
US-09-163-485-21
; Sequence 21, Application US/09163485
; Patent No. 6277571
; GENERAL INFORMATION:
; APPLICANT: FILLMORE, HELEN
; APPLICANT: BROADBUSH, WILLIAM
; APPLICANT: GILLIES, GEORGE
; TITLE OF INVENTION: SEQUENTIAL CONSENSUS REGION-DIRECTED AMPLIFICATION OF
; FILE REFERENCE: KNOWN AND NOVEL MEMBERS OF GENE FAMILIES
; CURRENT APPLICATION NUMBER: VCU1P4B
; CURRENT FILING DATE: 1998-08-30
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide, consensus sequence from human
; OTHER INFORMATION: matrix metalloproteinases
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (9)_RES
; OTHER INFORMATION: A, T, C, G, other or unknown
US-09-163-485-21

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 4.3e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 856 AAGGACCTGAGCAGTAC 873
| | | | | | | | | |
Db 1 AAGGAYGTAAAGCAGTTC 18

RESULT 675
US-09-194-842A-11/c
; Sequence 11, Application US/09194842A
; Patent No. 6416948
; GENERAL INFORMATION:
; APPLICANT: Pilarski, Linda M.
; APPLICANT: Belch, Andrew R.
; APPLICANT: Szczepiek, Agnieszka J.
; TITLE OF INVENTION: METHODS FOR DETECTION OF REARRANGED DNA
; FILE REFERENCE: STI-008USCPA
; CURRENT APPLICATION NUMBER: US/09/194,842A
; CURRENT FILING DATE: 1999-01-04
; PRIOR APPLICATION NUMBER: US 60/019,106
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: PCT/US97/09534
; PRIOR FILING DATE: 1997-06-03
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-194-842A-11

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 383 CCACGTCCTCGGATG 397
| | | | | | | | | |

Db 16 CCACGTCCTCGGAGG 2

RESULT 676
US-09-555-313B-18
; Sequence 18, Application US/09555313B
; Patent No. 6506580
; GENERAL INFORMATION:
; APPLICANT: FICSHMEISTER, Rudolph et al.
; TITLE OF INVENTION: Splicing variants of the human serotoninergic receptor
; FILE REFERENCE: 5-HT4 and uses thereof, in particular for screening
; CURRENT APPLICATION NUMBER: US/09/555,313B
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: FR 97/15037
; PRIOR FILING DATE: 1997-11-28
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-555-313B-18

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 766 CTCAGGACCTCAAA 780
| | | | | | | | | |
Db 1 CTCAGGAGCTCAAA 15

RESULT 677
US-09-422-978-8777
; Sequence 8777, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/299,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8777
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-18179 for SEQ 912, in complete
US-09-422-978-8777

Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1673 CAGCCCCCAACTACA 1687
| | | | | | | | | |
Db 3 CAGCCCTCAACTACA 17


```
RESULT 678
US-07-695-564-13
; Sequence 13, Application US/07695564
; Patent No. 5310874
; GENERAL INFORMATION:
; APPLICANT: Tamura, Richard N.
; APPLICANT: Quaranta, Vito
; TITLE OF INVENTION: INTEGRIN ALPHA SUBUNIT CYTOPLASMIC
; TITLE OF INVENTION: DOMAIN POLYPEPTIDES, ANTIBODIES AND METHODS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Thomas Fitting
; STREET: 11300 Sorrento Valley Road, Suite 200
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/695,564
; FILING DATE: 19910503
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCR0377P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-1555
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: /standard name= "PCR PRIMER 1681"
; OTHER INFORMATION: /note= "The primer corresponds to bp 2942-2960 of
; OTHER INFORMATION: the ALPHA 6A cDNA sequence of SEQ ID NO:2."
US-07-695-564-13

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 881 ACTGTGGGAACATCA 895
Db 3 ACTGTGTGAACATCA 17
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RESULT 679
US-08-241-387-13
; Sequence 13, Application US/08241387
; Patent No. 5589570
; GENERAL INFORMATION:
; APPLICANT: Tamura, Richard N.
; APPLICANT: Quaranta, Vito
; TITLE OF INVENTION: INTEGRIN ALPHA SUBUNIT CYTOPLASMIC
; TITLE OF INVENTION: DOMAIN POLYPEPTIDES, ANTIBODIES AND METHODS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute
```

```
; STREET: 10666 No. 5589570th Torrey Pines Road, TPC-8
; CITY: La Jolla
; STATE: CA
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/241,387
; FILING DATE: 10-MAY-1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 07/695,564
; FILING DATE: 03-MAY-1004
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: PSRI241.0D1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-6312
; TELEFAX: 619-554-2937
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: /standard name= "PCR PRIMER 1681"
; OTHER INFORMATION: /note= "The primer corresponds to bp 2942-2960 of
; OTHER INFORMATION: the ALPHA 6A cDNA sequence of SEQ ID NO:2."
US-08-241-387-13

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 881 ACTGTGGGAACATCA 895
Db 3 ACTGTGTGAACATCA 17
|||||
RESULT 680
US-09-297-911-24
; Sequence 24, Application US/09297911
; Patent No. 6355427
; GENERAL INFORMATION:
; APPLICANT:
; APPLICANT:
; APPLICANT:
; APPLICANT:
; TITLE OF INVENTION: DIAGNOSTIC ASSAY FOR BREAST CANCER
; TITLE OF INVENTION: SUSCEPTIBILITY
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SIDLEY & AUSTIN
; STREET: 717 N. Harwood, Suite 3400
; CITY: Dallas
; STATE: Texas
; COUNTRY: United States of America
; ZIP: 75201
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/297,911
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Hansen, Eugenia S.
; REGISTRATION NUMBER: 31,966
; REFERENCE/DOCKET NUMBER: 11146/08308
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (214) 981-3300
; TELEFAX: (214) 981-3400
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA primer"
US-09-297-911-24

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 566 GCCTCCGTCGTGCTCA 580
Db 2 GCCTCCGTCGTGCTCA 16

RESULT 681
US-09-696-791-879
; Sequence 879, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 879
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk8 ribozyme binding site
US-09-696-791-879

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 657 CGTCTACAAAGGCAA 671
Db 5 CGTCTACAAAGGCAA 19

RESULT 682
US-07-841-652-17
; Sequence 17, Application US/07841652
; Patent No. 5266459
; GENERAL INFORMATION:
; APPLICANT: Beutler, Ernest
; TITLE OF INVENTION: GAUCHER'S DISEASE: DETECTION OF A NEW
; MUTATION IN INTRON 2 OF THE GLUCOCEREBROSIDASE GENE
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 10666 No. 5266459th Torrey Pines Road, TPC 8
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/841,652
; FILING DATE: 19920224
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Bingham, Douglas A
; REGISTRATION NUMBER: 32,457
; REFERENCE/DOCKET NUMBER: SCR0670P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-07-841-652-17

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 189 CAAGACCAATGTGC 203
Db 2 CAAGACCAATGTGC 16

RESULT 683
US-08-246-982A-25
; Sequence 25, Application US/08246982A
; Patent No. 5686288
; GENERAL INFORMATION:
; APPLICANT: MacDonald, Marcy E.
; APPLICANT: Ambrose, Christine M.
; APPLICANT: Duyao, Mabel P.
; APPLICANT: Gusella, James F.
; TITLE OF INVENTION: Huntingtin DNA, Protein And Uses Thereof
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/246,982A
; FILING DATE: May 20, 1994
; CLASSIFICATION: 435

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge, A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0609.3880002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-246-982A-25

```

```
Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. NO. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 340 GACTTGAAGATGGG 354
Db 3 GACTTGAAGATGTGG 17

```

RESULT 684
US-08-453-265-25
; Sequence 25, Application US/08453265
; Patent NO. 5693757
; GENERAL INFORMATION:
; APPLICANT: MacDonald, Marcy E.
; APPLICANT: Ambrose, Christine M.
; APPLICANT: Duyao, Mabel P.
; APPLICANT: Gussella, James F.
; TITLE OF INVENTION: Huntington D
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Go
; STREET: 1100 New York Avenue
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005

```

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/453,365
 FILING DATE: 30-MAY-1995
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Ludwig, Steven R.
 REGISTRATION NUMBER: 36,203
 REFERENCE/DOCKET NUMBER: 0609.3880003
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 371-2600
 TELEFAX: (202) 371-2540
 INFORMATION FOR SEQ ID NO: 25:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-453-265-25

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 340 GACTTGAAGATGGG 354
Db 3 GACTTGAAGATGTGG 17

RESULT 685
US-08-555-678-49/c
; Sequence 49, Application US/08555678
; Patent No. 5763174
; GENERAL INFORMATION:
; APPLICANT: Nishikura, Kazuko
; TITLE OF INVENTION: RNA Editing Enzyme and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 67
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howson and Howson
; STREET: Spring House Corporate Cntr, P.O. Box 457
; CITY: Spring House
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19477
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/555,678
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/197,794
; FILING DATE: 17-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/280,443
; FILING DATE: 25-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/457,459
; FILING DATE: 01-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Bak, Mary E.
; REGISTRATION NUMBER: 31,215
; REFERENCE/DOCKET NUMBER: WST49DUSA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-540-9206
; TELEFAX: 215-540-5818
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-555-678-49

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 377 CTCAGGCCAGTCT 391
|||
Db 19 CTCAGGCCATCT 5

```

RESULT 686
US-08-531-556-60/c
; Sequence 60, Application US/08531556
; Patent No. 5776682
; GENERAL INFORMATION:
; APPLICANT: Agoulnik, Alexander I
; APPLICANT: Kent First, Marijo
; APPLICANT: Mualllem, Arriego
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 124

```

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Dewitt Ross & Stevens, S.C.
;; STREET: 8000 Excelsior Drive, Suite 401
;; CITY: Madison
;; STATE: WI
;; COUNTRY: USA
;; ZIP: 53717-1914
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/531,556
;; FILING DATE:
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Sara, Charles S.
;; REGISTRATION NUMBER: 30,492
;; REFERENCE/DOCKET NUMBER: 34506.034CIP
;; TELEPHONE: 608-831-2100
;; TELEFAX: 608-831-2106
;; INFORMATION FOR SEQ ID NO: 60:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
;; US-08-531-556-60
;;
Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1574 CAGCAGGCCAGCTT 1588
|||||
Db 1 CAGCAGGACAGCTT 15
;;
RESULT 688
US-08-472-416-60/c
; Sequence 60, Application US/08472416
; Patent No. 5783390
; GENERAL INFORMATION:
; APPLICANT: Agoulnik, A.
; APPLICANT: Kent, Marijo G.
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 94
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,416
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.034
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-831-2100
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-472-416-60
;;
Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 18 ATGGACAGGAATGCA 32
|||||
Db 19 ATGGAAGGAATGCA 5
;;
RESULT 689
US-08-472-416-85

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Dewitt Ross & Stevens, S.C.
;; STREET: 8000 Excelsior Drive, Suite 401
;; CITY: Madison
;; STATE: WI
;; COUNTRY: USA
;; ZIP: 53717-1914
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/531,556
;; FILING DATE:
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Sara, Charles S.
;; REGISTRATION NUMBER: 30,492
;; REFERENCE/DOCKET NUMBER: 34506.034CIP
;; TELEPHONE: 608-831-2100
;; TELEFAX: 608-831-2106
;; INFORMATION FOR SEQ ID NO: 60:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
;; US-08-531-556-60
;;
Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 18 ATGGACAGGAATGCA 32
|||||
Db 19 ATGGAAGGAATGCA 5
;;
RESULT 687
US-08-531-556-85
; Sequence 85, Application US/08531556
; Patent No. 5776682
; GENERAL INFORMATION:
; APPLICANT: Agoulnik, Alexander I
; APPLICANT: Kent First, Marijo
; APPLICANT: Muallem, Arlege
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/531,556
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.034CIP
; TELECOMMUNICATION INFORMATION:

```
; Sequence 85, Application US/08472416
; Patent No. 5783390
; GENERAL INFORMATION:
; APPLICANT: Agoulnik, A.
; APPLICANT: Kent, Marijo G.
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 94
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,416
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.034
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-831-2100
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-472-416-85

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1574 CAGGAGGCGAGCTT 1588
Db      1 CAGGAGGAGAGCTT 15

RESULT 690
US-08-753-979A-16/c
; Sequence 16, Application US/08753979A
; Patent No. 5840549
; GENERAL INFORMATION:
; APPLICANT: Kent First, Marijo
; APPLICANT: Mualliem, Ariege
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/753,979A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.051
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-831-2100
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-753-979A-37

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.051
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-831-2100
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-753-979A-16

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      18 ATGCACAGGAATGCA 32
Db      19 ATGGAAGGAATGCA 5

RESULT 691
US-08-753-979A-37
; Sequence 37, Application US/08753979A
; Patent No. 5840549
; GENERAL INFORMATION:
; APPLICANT: Kent First, Marijo
; APPLICANT: Mualliem, Ariege
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/753,979A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.051
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-831-2100
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-753-979A-37

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 1574 CAGCAGGCAGCTT 1588
| | | | | | | | | | | | | | | |
Db 1 CAGGACGACAGCTT 15
| | | | | | | | | | | | | | | |
RESULT 692
US-09-286-904-65/c
; Sequence 65, Application US/09286904A
; Patent No. 6140124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0347
; CURRENT APPLICATION NUMBER: US/09/286,904A
; CURRENT FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-286-904-65

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1638 GCAGCGCTGGAGGG 1652
| | | | | | | | | | | | | | | |
Db 15 GCAGCGCTGGAGGG 1

RESULT 693
US-09-428-696-48/c
; Sequence 48, Application US/09428696
; Patent No. 6165789
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HNRNP A1 EXPRESSION
; FILE REFERENCE: RTS-0111
; CURRENT APPLICATION NUMBER: US/09/428,696
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-696-48

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 229 AGTGGTGGTGGTGGC 243
| | | | | | | | | | | | | | | |
Db 16 AGTGGTGGTGGTGGC 2

RESULT 694
US-09-428-696-78/c
; Sequence 78, Application US/09428696
; Patent No. 6165789
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia

; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF HNRNP A1 EXPRESSION
; FILE REFERENCE: RTS-0111
; CURRENT APPLICATION NUMBER: US/09/428,696
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-696-78

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1115 ACATCCTGCTTGGGT 1129
| | | | | | | | | | | | | | | |
Db 20 ACAACCTGCTTGGGT 6

RESULT 695
US-09-517-584A-65
; Sequence 65, Application US/09517584A
; Patent No. 6187587
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
; FILE REFERENCE: RTS-0121
; CURRENT APPLICATION NUMBER: US/09/517,584A
; CURRENT FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-65

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1161 GGGTGTGGGCTGCAT 1175
| | | | | | | | | | | | | | | |
Db 5 GGGTGTGGGCTGCAT 19

RESULT 696
US-09-050-159-36
; Sequence 36, Application US/09050159A
; Patent No. 6197505
; GENERAL INFORMATION:
; APPLICANT: No. 6197505berg, Leif T
; APPLICANT: Andersson, Maria K
; APPLICANT: Linsstrom, Per H
; TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND
; FILE REFERENCE: 1248/1D042
; CURRENT APPLICATION NUMBER: US/09/050,159A
; CURRENT FILING DATE: 1998-03-27
; EARLIER APPLICATION NUMBER: 60/042,930
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-09-050-159-36

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1544 CCAGCCTTCGCTCT 1558
|||||
Db 4 CCAGCCTTCGCTCT 18

RESULT 697

US-09-311-260-83/c
; Sequence 83, Application US/093111260
; Patent No. 6214555
; GENERAL INFORMATION:
; APPLICANT: Leushner, James
; APPLICANT: Hui, May
; APPLICANT: Dunn, James M.
; APPLICANT: LaCroix, Jean-Michel
; TITLE OF INVENTION: METHOD, COMPOSITIONS AND KIT FOR DETECTION OF
; TITLE OF INVENTION: MICROORGANISMS AND BI-DIRECTIONAL SEQUENCING OF NUCLEIC ACID
; FILE REFERENCE: POLYMERS
; NUMBER OF SEQUENCES: 189
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Opedahl & Larson LLP
; STREET: P.O. Box 5270
; CITY: Frisco
; STATE: CO
; COUNTRY: US
; ZIP: 80443-5270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/311,260
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-058-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (970) 668-2050
; TELEFAX: (970) 668-2082
; TELEX:
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
US-09-311-260-83

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1278 GTGCCAGGCATCCT 1292
|||||
Db 16 GTGCCAGGCATCCT 2

RESULT 698

US-09-457-474-1/c
; Sequence 1, Application US/09457474
; Patent No. 6251607
; GENERAL INFORMATION:
; APPLICANT: Tsen, Hwa-Yang
; APPLICANT: Lin, Jer-Sheng
; TITLE OF INVENTION: PCR Primers for the Rapid and Specific Detection of
; TITLE OF INVENTION: Salmonella typhimurium
; FILE REFERENCE: Tsen 09/457474
; CURRENT APPLICATION NUMBER: US/09/457,474
; CURRENT FILING DATE: 1999-12-09
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-09-457-474-1

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1237 CACTTCATCTTCGT 1251
|||||
Db 20 CACTTCATCTTCGT 6

RESULT 699

US-09-662-249A-12
; Sequence 12, Application US/09662249A
; Patent No. 6277636
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF MADH6 EXPRESSION
; FILE REFERENCE: RTS-0181
; CURRENT APPLICATION NUMBER: US/09/662,249A
; CURRENT FILING DATE: 2000-09-13
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-662-249A-12

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1625 GAGGCCCGCAGCGC 1639
|||||
Db 4 GAGGCCCGCAGCGC 18

RESULT 700

US-09-662-249A-13
; Sequence 13, Application US/09662249A
; Patent No. 6277636
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF MADH6 EXPRESSION
; FILE REFERENCE: RTS-0181
; CURRENT APPLICATION NUMBER: US/09/662,249A
; CURRENT FILING DATE: 2000-09-13

; NUMBER OF SEQ ID NOS: 207
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-662-249A-13

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1625 GAGGCCACGAGGC 1639
Db 6 GAGGCCACGAGGC 20

RESULT 701
US-09-277-078-40/c
; Sequence 40, Application US/09277078
; Patent No. 6312949
; GENERAL INFORMATION:
; APPLICANT: Sakurada, Kazuhiro
; APPLICANT: Palmer, Theo
; TITLE OF INVENTION: REGULATION OF TYROSINE HYDROXYLASE
; FILE REFERENCE: 07251/031001
; CURRENT APPLICATION NUMBER: US/09/277,078
; CURRENT FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for PCR
; NAME/KEY: misc feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: h = A, C, or T; not G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: d = A, G, or T; not C
US-09-277-078-40

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 5.1e+02;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1022 TCAAGCTGGCTGACTTTGG 1040
Db 19 TGAAGATGCGACATTGG 1

RESULT 702
US-09-270-542-157
; Sequence 157, Application US/09270542
; Patent No. 6322976
; GENERAL INFORMATION:
; APPLICANT: Altman, Timothy
; APPLICANT: Scott, James
; APPLICANT: Stanton, Lawrence
; TITLE OF INVENTION: Compositions and Methods of Disease Diagnosis and
; FILE REFERENCE: 4198/78179
; CURRENT APPLICATION NUMBER: US/09/270,542
; CURRENT FILING DATE: 1999-03-17
; EARLIER APPLICATION NUMBER: 09/221,222
; EARLIER FILING DATE: 1999-12-23

; NUMBER OF SEQ ID NOS: 207
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 157
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-09-270-542-157

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 538 CCCATCTTTGACAAG 552
Db 4 CCCATCTTTGAGAAG 18

RESULT 703
US-07-711-303-1
; Sequence 1, Application US/07711303
; Patent No. 6337182
; GENERAL INFORMATION:
; APPLICANT: Cerutti, Peter A.
; APPLICANT: Felley-Bosco, Emanuela
; APPLICANT: Sandy, Martha
; APPLICANT: Amstad, Paul
; APPLICANT: Zijlstra, Jacob
; APPLICANT: Pourzand, Charareh
; TITLE OF INVENTION: Method for the Quantitative
; TITLE OF INVENTION: Determination of DNA Sequences
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W. Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/711,303
; FILING DATE: 19910606
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 90110907.4
; FILING DATE: 08-JUN-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Lavin Jr., Lawrence M.
; REGISTRATION NUMBER: 30,768
; REFERENCE/DOCKET NUMBER: 2481-1081
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-711-303-1

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 970 CTACACCGAGACCTC 984
|||||


```
Db          5 CTACATCGAGACCTC 19

RESULT 704
US-07-711-303-6
; Sequence 6, Application US/07711303
; Patent No. 6337182
; GENERAL INFORMATION:
; APPLICANT: Cerutti, Peter A.
; APPLICANT: Felley-Bosco, Emanuela
; APPLICANT: Sandy, Martha
; APPLICANT: Amstad, Paul
; APPLICANT: Zijlstra, Jacob
; APPLICANT: Pourzand, Charareh
; TITLE OF INVENTION: Method for the Quantitative
; TITLE OF INVENTION: Determination of DNA Sequences
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; STREET: 1300 I Street, N.W. Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07711.303
; FILING DATE: 19910606
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 90110907.4
; FILING DATE: 08-JUN-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Lavin Jr., Lawrence M.
; REGISTRATION NUMBER: 30,768
; REFERENCE/DOCKET NUMBER: 2481-1081
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4400
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-711-303-6

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY          970 CTACACGAGACCTC 984
Db          5 CTACAGCGAGACCTC 19

RESULT 706
US-09-702-251-26
; Sequence 26, Application US/09702251
; Patent No. 6372492
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0199
; CURRENT APPLICATION NUMBER: US/09/702,251
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-251-26

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY          1537 AAGGAGCCGACCTT 1551
```

```
Db      1 AAGGAAGCCAGCCTT 15
||||| ||||| ||||| |||||
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
; FILE REFERENCE: RTS-0183
; CURRENT APPLICATION NUMBER: US/09/659,845A
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-845A-106

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      733 GCACCTCGACGCC 747
||||| ||||| ||||| |||||
Db      1 GCACCTCGACGCC 15

RESULT 710
US-09-422-978-7238/c
; Sequence 7238, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPL
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7238
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-3109 for SEQ 3304,
US-09-422-978-7238

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1235 TACACTTCATCTTCC 1249
||||| ||||| ||||| |||||
Db      17 TTCACTTCATCTTCC 3

RESULT 711
US-09-198-452A-2555
; Sequence 2555, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
```

```
Db      1 AAGGAAGCCAGCCTT 15
||||| ||||| ||||| |||||
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
; FILE REFERENCE: RTS-0183
; CURRENT APPLICATION NUMBER: US/09/659,845A
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-845A-106

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      733 GCACCTCGACGCC 747
||||| ||||| ||||| |||||
Db      1 GCACCTCGACGCC 15

RESULT 710
US-09-422-978-7238/c
; Sequence 7238, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPL
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7238
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-3109 for SEQ 3304,
US-09-422-978-7238

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1235 TACACTTCATCTTCC 1249
||||| ||||| ||||| |||||
Db      17 TTCACTTCATCTTCC 3

RESULT 711
US-09-198-452A-2555
; Sequence 2555, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
```

```
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2555
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2555

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1224 GGAGAACAGCTACA 1238
    ||| ||||| |||||
Db 1 GGAAGAACAGCTACA 15

RESULT 712
US-09-198-452A-5490/c
; Sequence 5490, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5490
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5490

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 778 AAACACGCCACATC 792
    ||| ||||| |||||
Db 20 AAACATGCCACATC 6

RESULT 713
US-09-679-299A-53
; Sequence 53, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-53

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1628 GCCCCAGCAGCAGC 1642
    ||| ||||| |||||
Db 6 GCTCCAGCAGCAGC 20
```

```
RESULT 714
US-09-619-812-11
; Sequence 11, Application US/09619812
; Patent No. 6692915
; GENERAL INFORMATION:
; APPLICANT: Nallur, Girish N.
; TITLE OF INVENTION: Sequencing a Polynucleotide on a Generic
; TITLE OF INVENTION: Chip
; FILE REFERENCE: 2565/101
; CURRENT APPLICATION NUMBER: US/09/619,812
; CURRENT FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: 60/145,043
; PRIOR FILING DATE: 1999-07-22
; NUMBER OF SEQ ID NOS: 11
; SEQ ID NO 11
; SOFTWARE: FastSeq for Windows Version 4.0
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: chromosome 8, clone RP11-709L14
US-09-619-812-11

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1299 CGAGGAGTTCAGAC 1313
    ||| ||||| |||||
Db 5 CCAGGAGTTCAGAC 19

RESULT 715
US-08-009-263C-36/c
; Sequence 36, Application US/08009263C
; Patent No. 5442049
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
; TITLE OF INVENTION: Oligonucleotides for Modulating the
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5442049ris
; STREET: One Liberty Place -- 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/009,263C
; FILING DATE: January 25, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 927,506
; FILING DATE: No. 5442049ember 19, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0844
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
```

US-08-432-871C-30
; Sequence 30, Application US/08432871C
; Patent No. 5877010
; GENERAL INFORMATION:
; APPLICANT: Loeb, Lawrence A.
; APPLICANT: Black, Margaret E.
; TITLE OF INVENTION: THYMIDINE KINASE MUTANTS
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/432,871C
; FILING DATE: 02-MAY-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 240052.409C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; TELEX: 3723836
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-432-871C-30

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 850 CTGGACAGCAGCTGAAG 867
Db 1 CTGGACGCTGAGCTGCAG 18

RESULT 718
US-09-156-425-22/c
; Sequence 22, Application US/09156425B
; Patent No. 5962671
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAN EXPRESSION
; FILE REFERENCE: RTS-0009
; CURRENT APPLICATION NUMBER: US/09/156,425B
; CURRENT FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-156-425-22

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

US-08-050-073-174/c
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-009-263C-36

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAAA 147
Db 18 CGCAAGAGAGAGCAAA 1

RESULT 716
US-08-050-073-174/c
; Sequence 174, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A. L.
; APPLICANT: Griffith, Robert L.
; APPLICANT: Scharf, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
; NUMBER OF SEQUENCES: 315
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,073
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 8769
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
US-08-050-073-174

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 957 CCGGACAGAGGTGTCTACA 974
Db 18 CGGACAGAGGTCTCTACA 1

RESULT 717

QY 1532 TACAAAGGAGCCAGCC 1549
DB 18 TACAAAGGAGCCAGCC 1

RESULT 719

US-08-461-286-15/c
; Sequence 15, Application US/08461286
; Patent No. 5989849
; GENERAL INFORMATION:
; APPLICANT: Gewirtz, Alan M.
; APPLICANT: Calabretta, Bruno
; TITLE OF INVENTION: Antisense Oligonucleotides to C-kit
; TITLE OF INVENTION: Proto-oncogene and Uses Thereof
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Temple University - of the Commonwealth
; ADDRESSEE: System of Higher Education
; STREET: 406 University Services Building
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,286
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/129,123
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-129
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: No. 5989849e
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 Nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; US-08-461-286-15

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 GCCACCGGACAGGTGC 970
DB 18 GCGACTGCGACGCTGC 1

RESULT 720

US-09-106-038A-70/c
; Sequence 70, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad

; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-106-038A-70

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 981 CCTCAGCCCGACACCT 998
DB 18 CCACAGCCACAGACCT 1

RESULT 721

US-09-205-921-31/c
; Sequence 31, Application US/09205921A
; Patent No. 6008048
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: ex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
; FILE REFERENCE: RTS-0028
; CURRENT APPLICATION NUMBER: US/09/205,921A
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-205-921-31

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 17 GATGGACGAGCAATGCAG 34
DB 18 GAAGGACAGAGAAAGCAGA 1

RESULT 722

US-09-339-993-30/c
; Sequence 30, Application US/09339993A
; Patent No. 6040179
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-12 EXPRESSION
; FILE REFERENCE: RTS-0064

;; CURRENT APPLICATION NUMBER: US/09/339,993A
;; CURRENT FILING DATE: 1999-06-25
;; NUMBER OF SEQ ID NOS: 47
;; SEQ ID NO 30
;; LENGTH: 18
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-993-30

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 457 GAGGACATCAACAAGCGC 474
|||||
DB 18 GAGGACCTGATAGCGC 1

RESULT 723

US-08-908-643C-70/c
; Sequence 70, Application US/08908643C
; Patent No. 6120995

GENERAL INFORMATION:

;; APPLICANT: Waldman, Scott A.
;; Pearlman, Joshua M.
;; Barber, Michael T.
;; Schultz, Stephanie
;; Parkinson, Scott J.

;; TITLE OF INVENTION: COMPOSITIONS THAT SPECIFICALLY BIND TO
;; COLORECTAL CANCER CELLS AND METHODS OF
;; USING THE SAME

;; NUMBER OF SEQUENCES: 85

;; CORRESPONDENCE ADDRESS:

;; ADDRESS: Woodcock Washburn Kurtz Mackiewicz & No. 6120995ris LLP
;; STREET: One Liberty Place - 46th Floor
;; CITY: Philadelphia
;; STATE: PA
;; COUNTRY: U.S.A.
;; ZIP: 19103

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: WordPerfect 6.1

;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/908,643C
;; FILING DATE: 07-Aug-1997
;; CLASSIFICATION: N/A

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: <Unknown>
;; FILING DATE: <Unknown>
;; ATTORNEY/AGENT INFORMATION:

;; NAME: Mark Deluca

;; REGISTRATION NUMBER: 33,229

;; REFERENCE/DOCKET NUMBER: RU-2209

;; TELEPHONE: 215-568-3100

;; TELEFAX: 215-568-3439

;; INFORMATION FOR SEQ ID NO: 70:

;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 18 base pairs

;; TYPE: nucleic acid

;; STRANDEDNESS: double

;; TOPOLOGY: linear

;; SEQUENCE DESCRIPTION: SEQ ID NO: 70:

US-08-908-643C-70

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 876 GGATCACTGTGGGAACAT 893
|||||
DB 18 GGAGGAATGTGGGACCAT 1

RESULT 724

US-09-173-941-112/c

;; Sequence 112, Application US/09173941

;; Patent No. 6140081

;; GENERAL INFORMATION:

;; APPLICANT: BARBAS, Carlos F.

;; TITLE OF INVENTION: ZINC FINGER BINDING DOMAINS FOR GNN

;; FILE REFERENCE: NOV0081S

;; CURRENT APPLICATION NUMBER: US/09/173,941

;; CURRENT FILING DATE: 1998-10-16

;; NUMBER OF SEQ ID NOS: 120

;; SOFTWARE: PatentIn Ver. 2.1

;; SEQ ID NO 112

;; LENGTH: 18

;; TYPE: DNA

;; ORGANISM: Artificial Sequence

;; FEATURE:

;; OTHER INFORMATION: Description of Artificial Sequence: target

US-09-173-941-112

Query Match

Best Local Similarity 0.8%; Score 13.2; DB 1; Length 18;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1094 CACTGTGTACCGGCC 1111
|||||

DB 18 CACTGGGCTCGGCC 1

RESULT 725

US-08-838-715B-36/c

;; Sequence 36, Application US/08838715B

;; Patent No. 6153595

;; GENERAL INFORMATION:

;; APPLICANT: Draper, Chapman, Kisner, Anderson

;; TITLE OF INVENTION: Composition and Method for Treatment

;; NUMBER OF SEQUENCES: 90

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Jane Massey Licata, Esq.

;; STREET: 66 E. Main Street

;; CITY: Marlton

;; STATE: NJ

;; COUNTRY: USA

;; ZIP: 08053

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

;; COMPUTER: IBM 486

;; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS

;; SOFTWARE: WORDPERFECT 5.1

;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/838,715B

;; FILING DATE: April 9, 1997

;; CLASSIFICATION: 514

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: 07/568,366

;; FILING DATE: 8/16/90

;; APPLICATION NUMBER: 07/927,506

;; FILING DATE: 11/19/92

;; APPLICATION NUMBER: 08/009,263

;; FILING DATE: 1/25/93

;; APPLICATION NUMBER: 08/233,711

;; FILING DATE: 4/26/94

;; ATTORNEY/AGENT INFORMATION:

;; NAME: Jane Massey Licata

;; REGISTRATION NUMBER: 32,257

;; REFERENCE/DOCKET NUMBER: ISPH-0204

;; TELECOMMUNICATION INFORMATION:

```
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-838-715B-36

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAGAGATCAAA 147
Db 18 CGCAAGAAGAGACAA 1

RESULT 726
US-08-891-292A-78
; Sequence 78, Application US/08891292A
; Patent No. 6312892
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Luo, Jianying
; APPLICANT: Khanna, Marilyn
; APPLICANT: Bergstrom, Donald E.
; TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
; TITLE OF INVENTION: LIGASE DETECTION REACTION
; FILE REFERENCE: 19603/457
; CURRENT APPLICATION NUMBER: US/08/891,292A
; CURRENT FILING DATE: 1997-07-10
; PRIOR APPLICATION NUMBER: 60/022,535
; PRIOR FILING DATE: 1996-07-19
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer for
; OTHER INFORMATION: PCR or LDR
US-08-891-292A-78

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 991 CAGAACCTGCTCATCAC 1008
Db 1 CAGAACCTCTCCACATC 18

RESULT 727
US-08-584-040-3042/c
; Sequence 3042, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
```

```
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 3042:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-3042

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1465 AGTCTGGGGGCGGATC 1482
Db 18 AGTCTGGGGGCGGAGC 1

RESULT 728
US-09-167-109-109
; Sequence 109, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 109
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-109

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 557 TCAGCCGCGCGCTCCGTC 574
```



```
; REFERENCE/DOCKET NUMBER: 97,078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: <Unknown>
; TELEFAX: <Unknown>
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-642-952-16
```

```
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 270 ACGTGTGCTCCTCGGGGA 287
Db 18 ACGCGCTGCCCGGGGA 1
```

RESULT 733

```
US-09-250-611-56/c
; Sequence 56, Application US/09250611
; Patent No. 6528283
```

```
; GENERAL INFORMATION:
; APPLICANT: Byrne, Jennifer A.
; APPLICANT: Bassett, Paul
; TITLE OF INVENTION: Members of the D52 Gene Family
; FILE REFERENCE: 1383.0210001
; CURRENT APPLICATION NUMBER: US/09/250,611
; CURRENT FILING DATE: 1999-02-17
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 56
```

```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
```

```
US-09-250-611-56
```

```
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 668 GCAAAAGCAAAGCTCACAG 685
Db 18 GCACAGCCAGCTCACAG 1
```

RESULT 734

```
US-09-422-978-7245/c
; Sequence 7245, Application US/09422978
; Patent No. 6537751
```

```
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
```

```
; SEQ ID NO 7245
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-3153 for SEQ 3311,
```

```
US-09-422-978-7245
```

```
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1521 GGAGATTCAGCTACAAA 1538
Db 18 GGAGATTCAGAGACAGAA 1
```

RESULT 735

```
US-09-422-978-11482
; Sequence 11482, Application US/09422978
; Patent No. 6537751
```

```
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11482
```

```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
```

```
; OTHER INFORMATION: downstream amplification primer 99-7696 for SEQ 3617, in complemer
US-09-422-978-11482
```

```
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1225 GAGGAACAGCTACACTTC 1242
Db 1 GATGGACATCTACACTTC 18
```

RESULT 736

```
US-09-371-772B-1470/c
; Sequence 1470, Application US/09371772B
; Patent No. 6566127
```

```
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
```

; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1470
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1470

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1465 AGTCTGGGGGAGCGGATC 1482
|||||
Db 18 AGTCTGGGGGCGGGGAGC 1

RESULT 737

US-09-927-737C-78
; Sequence 78, Application US/09927737C
; Patent No. 6576453
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Luo, Jianying
; APPLICANT: Khanna, Marilyn
; APPLICANT: Bergstrom, Donald E.
; TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
; TITLE OF INVENTION: LIGASE DETECTION REACTION
; FILE REFERENCE: 19603/459
; CURRENT APPLICATION NUMBER: US/09/927,737C
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/022,535
; PRIOR FILING DATE: 1996-07-19
; PRIOR APPLICATION NUMBER: 08/891,292
; PRIOR FILING DATE: 1997-07-19
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer for
; OTHER INFORMATION: PCR or LDR
US-09-927-737C-78

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 991 CAGAACCTGCTCATCAAC 1008
|||||
Db 1 CAGAACCTCTCACCATC 18

RESULT 738

US-09-494-190-112/c
; Sequence 112, Application US/09494190
; Patent No. 6610512
; GENERAL INFORMATION:
; APPLICANT: BARBAS, Carlos F.
; TITLE OF INVENTION: ZINC FINGER BINDING DOMAINS FOR GNN
; FILE REFERENCE: TSRI 645.2
; CURRENT APPLICATION NUMBER: US/09/494,190
; CURRENT FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: EP/99/07742
; PRIOR FILING DATE: 1999-10-14
; PRIOR APPLICATION NUMBER: US 09/173,941
; PRIOR FILING DATE: 1998-10-16
; NUMBER OF SEQ ID NOS: 126

; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 112
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthesized
US-09-494-190-112

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1094 CACTGTGTACCGGCC 1111
|||||
Db 18 CACTGCGGCTCGGCC 1

RESULT 739

US-09-494-190-121/c
; Sequence 121, Application US/09494190
; Patent No. 6610512
; GENERAL INFORMATION:
; APPLICANT: BARBAS, Carlos F.
; TITLE OF INVENTION: ZINC FINGER BINDING DOMAINS FOR GNN
; FILE REFERENCE: TSRI 645.2
; CURRENT APPLICATION NUMBER: US/09/494,190
; CURRENT FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: EP/99/07742
; PRIOR FILING DATE: 1999-10-14
; PRIOR APPLICATION NUMBER: US 09/173,941
; PRIOR FILING DATE: 1998-10-16
; NUMBER OF SEQ ID NOS: 126
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 121
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-494-190-121

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1094 CACTGTGTACCGGCC 1111
|||||
Db 18 CACTGCGGCTCGGCC 1

RESULT 740

US-09-663-834A-34/c
; Sequence 34, Application US/09663834A
; Patent No. 6613567
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-2 EXPRESSION
; FILE REFERENCE: RTS-0033
; CURRENT APPLICATION NUMBER: US/09/663,834A
; CURRENT FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-663-834A-34

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY
651 TGCCACCGTCTACAAAGG 668

Db
18 TGGCACAGTCTACAAGG 1

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels

```

RESULT 743
US-09-374-958C-78
; Sequence 78, Application US/09374958C
; Patent No. 6677432
; GENERAL INFORMATION:
; APPLICANT: Stryker Corporation
; TITLE OF INVENTION: Modified Proteins and DNAs of the TGF-beta Superfamily, Including
; TITLE OF INVENTION: Modified Morphogenic Proteins
; FILE REFERENCE: STK-076
; CURRENT APPLICATION NUMBER: US/09/374,958C
; CURRENT FILING DATE: 1999-08-16
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 2.0
; SEQ ID NO 78
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: complement of Primer #4
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(18)
US-09-374-958C-78

```

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

RESULT 744
US-09-544-298B-299
US-09-544-299, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of llq13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398B
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 299
; LENGTH: 18

```

QY 651 TGCACCGTCTACAAAGG 668
||| ||| ||| ||| ||| |||
Db 18 TGGCACAGTCTACAAAGG 1

RESULT 741
US-09-456-222B-16/c
; Sequence 16, Application US/09456222B
; Patent No. 6630301
; GENERAL INFORMATION:
; APPLICANT: Gocke, Christopher D.
; KOPRESKI, Michael S.
TITLE OF INVENTION: Detection of Extracellular Tumor-Associated Nucleic
Acid in Blood Plasma or Serum
Using Amplification Assays

Query Match	0.8%	Score 13.2;	DB 1;	Length 18;
Best Local Similarity	83.3%;	Pred. No. 4.8e+02;		
Matches 15;	Conservative	0;	Mismatches 3;	Indels 0;
				Gaps 0;

RESULT 742
US-09-374-958C-77/c
; Sequence 77, Application US/09374958C
; Patent No. 6677432
; GENERAL INFORMATION:
; APPLICANT: Stryker Corporation
; TITLE OF INVENTION: Modified Proteins and DNAs of the TGF-beta Superfamily, Including
; FILE REFERENCE: Modified Morphogenic Proteins
; FILE REFERENCE: STK-076
; CURRENT APPLICATION NUMBER: US/09/374,958C
; CURRENT FILING DATE: 1999-08-16
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 2.0

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-544-398B-299

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 942 CCTGGCCTACTGCCACCG 959
    ||||| ||||| ||||| |||||
Db 1 CCTGAGCTACTGCCACAG 18

RESULT 745
US-09-696-791-4187
; Sequence 4187, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4187
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Hammerhead ribozyme recognition site for cdc 2 kinase
US-09-696-791-4187

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 709 ATCAGACTGGAACATGAA 726
    ||||| ||||| ||||| |||||
Db 1 ATCAGACTGGAAGTGAA 18

RESULT 746
US-09-696-791-4284
; Sequence 4284, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4284
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Hammerhead ribozyme recognition site for cdc 2 kinase
US-09-696-791-4284

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1084 GAGGTGGTGACACTGTGG 1101
    ||||| ||||| ||||| |||||
Db 1 GAGGTAGTAACACTCTGG 18
```

```
RESULT 747
PCT-US92-02854-15/c
; Sequence 15, Application PC/TUS9202854
; GENERAL INFORMATION:
; APPLICANT: Gewirtz, Alan M.
; APPLICANT: Calabretta, Bruno
; TITLE OF INVENTION: Antisense Oligonucleotides to
; TITLE OF INVENTION: c-kit Proto-Oncogene and Uses Thereof
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Temple University - Of The Commonwealth
; ADDRESSEE: System of Higher Education
; STREET: 406 University Services Building
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/02854
; FILING DATE: 19920409
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/682,812
; FILING DATE: April 9, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-129 PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: None
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 Nucleotides
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
PCT-US92-02854-15

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 953 GCCACCGGCAGAGGTGC 970
    ||||| ||||| ||||| |||||
Db 18 GCGACTGGCAGACGGTGC 1

RESULT 748
US-08-473-096-18/c
; Sequence 18, Application US/08473096
; Patent No. 5693773
; GENERAL INFORMATION:
; APPLICANT: Kandimalla, Ekambar R.
; APPLICANT: Agrawal, Sudhir
; TITLE OF INVENTION: Triplex-Forming Antisense
; TITLE OF INVENTION: Oligonucleotides Having Abasic Linkers Targeting
; TITLE OF INVENTION: Nucleic Acids Comprising Mixed Sequences of Purines
; and Pyrimidines
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti, Ltd.
; STREET: 10 S. Wacker Drive, Suite 3000
; CITY: Chicago
; STATE: Illinois
```

COUNTRY: U.S.A.
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect for Windows 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,096
FILING DATE: June 7, 1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,142
REFERENCE/DOCKET NUMBER: 95,606
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)715-1000
TELEFAX: (312)715-1234
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 monomers
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-473-096-18

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 826 TCCTCACCCTTCTCTT 843
DB 18 TCCTCACCCTTCTCT 1

RESULT 749
US-08-379-680-7
Sequence 7, Application US/08379680
Patent No. 5702890
GENERAL INFORMATION:
APPLICANT: Housman, David E.
TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES
TITLE OF INVENTION: OF GENES AS A BASIC FOR CANCER
TITLE OF INVENTION: THERAPEUTIC AGENTS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,680
FILING DATE: April 4, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/08473
FILING DATE: July 26, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/112
TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-379-680-7

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1438 GATGCCATGAACATCCA 1455
DB 1 GAAGCCATGAATCACCCA 18

RESULT 750
US-08-117-952-64/c
Sequence 64, Application US/08117952
Patent No. 5851760
GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
NUMBER OF SEQUENCES: 797
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-64

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1395 CAAGCTGTTCAGTTTGA 1412
DB 11 CAAGCTGTTCAGTTTGA 1412

Db 18 CAGGCTGTTTCAGTTGA 1

RESULT 751

US-08-899-811-11
; Sequence 11, Application US/08899811
; Patent No. 5876942
; GENERAL INFORMATION:
; APPLICANT: CHENG, WINSTON T.K.
; APPLICANT: CHOO, KONG-BUNG
; APPLICANT: HU, CHE-LIN
; APPLICANT: WANG, CHIH-HUA
; APPLICANT: CHEN, CHUAN-MU
; TITLE OF INVENTION: A PROCESS FOR SEXING COW EMBRYOS
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BACON & THOMAS
; STREET: 625 SLATERS LANE - FOURTH FLOOR
; CITY: ALEXANDRIA
; STATE: VIRGINIA
; COUNTRY: USA
; ZIP: 22314

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/899,811
; FILING DATE: 24-JUL-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: FICHTER, RICHARD E.
; REGISTRATION NUMBER: 26,382
; REFERENCE/DOCKET NUMBER: REF/CHEN/881
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-683-0500
; TELEFAX: 703-683-1080
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

US-08-899-811-11

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 180 AGGCATAGACAGACCAA 197

Db 1 AGCAACAGACAGACCAA 18

RESULT 752

US-08-899-811-13
; Sequence 13, Application US/08899811
; Patent No. 5876942
; GENERAL INFORMATION:
; APPLICANT: CHENG, WINSTON T.K.
; APPLICANT: CHOO, KONG-BUNG
; APPLICANT: HU, CHE-LIN
; APPLICANT: WANG, CHIH-HUA
; APPLICANT: CHEN, CHUAN-MU
; TITLE OF INVENTION: A PROCESS FOR SEXING COW EMBRYOS
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BACON & THOMAS
; STREET: 625 SLATERS LANE - FOURTH FLOOR
; CITY: ALEXANDRIA
; STATE: VIRGINIA

US-08-899-811-13

; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/899,811
; FILING DATE: 24-JUL-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: FICHTER, RICHARD E.
; REGISTRATION NUMBER: 26,382
; REFERENCE/DOCKET NUMBER: REF/CHEN/881
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-683-0500
; TELEFAX: 703-683-1080
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

US-08-899-811-13

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 180 AGGCATAGACAGACCAA 197

Db 1 AGCAACAGACAGACCAA 18

RESULT 753

US-08-473-020A-17
; Sequence 17, Application US/08473020A
; Patent No. 5877273
; GENERAL INFORMATION:
; APPLICANT: Hance, Allan J
; APPLICANT: Grandchamp-Desraux, Bernard
; APPLICANT: Levy-Frebault, Veronique
; APPLICANT: Gicquel, Brigitte
; TITLE OF INVENTION: Nucleotide sequences of actinomycetales,
; applications to the synthesis or detection of nucleic
; acids, products of expression of such sequences and
; application as immunogenic compositions.
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Walter H. Dreger
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94111

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/473,020A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/623,729
; FILING DATE: 14-DEC-1990
; NAME: Dreger, Walter H
; REGISTRATION NUMBER: 24190
; REFERENCE/DOCKET NUMBER: A54435

US-08-473-020A

TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-473-020A-17

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 762 CCTGCTCAAGGACCTCAA 779
|||||
Db 1 CCTGCTCAAGGCGCCAA 18

RESULT 754

US-08-810-599-53/c
Sequence 53, Application US/08810599
Patent No. 5976798
GENERAL INFORMATION:
APPLICANT: PARKER, W. Davis
APPLICANT: HERNSTADT, Corinna
APPLICANT: GHOSH, Soumitra S.
APPLICANT: FAHY, Eoin
TITLE OF INVENTION: Methods for Detecting Mitochondrial Mutations
TITLE OF INVENTION: Diagnostic for Alzheimer's Disease and Methods for Determining
TITLE OF INVENTION: of Mitochondrial Nucleic Acid
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kenyon & Kenyon
STREET: 1025 Connecticut Avenue, N.W., Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.25" Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1 for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/810,599
FILING DATE: Concurrent Herewith
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/757,438
FILING DATE: 27 No. 5976798 1996
APPLICATION NUMBER: US 08/614,072
FILING DATE: 12 Mar 1996
APPLICATION NUMBER: US 08/536,036
FILING DATE: 29 Sep 1995
APPLICATION NUMBER: US 08/414,969
FILING DATE: 31 Mar 1995
APPLICATION NUMBER: US 08/413,740
FILING DATE: 30 Mar 1995
APPLICATION NUMBER: US 08/410,658
FILING DATE: 24 MARCH 1995
APPLICATION NUMBER: US 08/397,808
FILING DATE: 3 Mar 1995
APPLICATION NUMBER: US 08/219,842
FILING DATE: 30 MARCH 1994
ATTORNEY/AGENT INFORMATION:
NAME: Toffenetti, Judith L.
REGISTRATION NUMBER: 39,048
REFERENCE/DOCKET NUMBER: 2105/17
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-429-1776

TELEFAX: 202-429-0796
INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: No
ANTI-SENSE: No
US-08-810-599-53

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1151 TTGACATGTGGGTGTGG 1168
|||||
Db 19 TGGACAGGTGGTGTGTGG 2

RESULT 755

US-08-967-454-7
Sequence 7, Application US/08967454
Patent No. 6054273
GENERAL INFORMATION:
APPLICANT: Housman, David E.
TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES
TITLE OF INVENTION: OF GENES AS A BASIC FOR CANCER
TITLE OF INVENTION: THERAPEUTIC AGENTS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/967,454
FILING DATE: No. 6054273ember 11, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/379,680
FILING DATE: April 4, 1995
CLASSIFICATION: 435
APPLICATION NUMBER: PCT/US94/08473
FILING DATE: July 26, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/239
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-967-454-7

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1438 GATGCCATGAACATCCA 1455
||| ||||| ||| |||
Db 1 GAAGCCATGAATCACC 18

RESULT 756

US-09-192-104-6/c
; Sequence 6, Application US/09192104B
; Patent No. 6184020
; GENERAL INFORMATION:
; APPLICANT: Alexander Blinkovsky
; APPLICANT: Tony Byun
; APPLICANT: Alan V. Klotz
; APPLICANT: Alan Sloma
; APPLICANT: Maria Tang
; APPLICANT: Mikio Fujii
; APPLICANT: Chigusa Marumoto
; APPLICANT: Lene Venke Kofod
; TITLE OF INVENTION: Polypeptides Having Aminopeptidase
; TITLE OF INVENTION: Activity And Nucleic Acids Encoding Same
; FILE REFERENCE: 5379.200-US
; CURRENT APPLICATION NUMBER: US/09/192.104B
; EARLIER FILING DATE: 1998-11-13
; EARLIER APPLICATION NUMBER: 60/069719
; EARLIER FILING DATE: 1997-12-16
; EARLIER APPLICATION NUMBER: 1465/97
; EARLIER FILING DATE: 1997-12-16
; EARLIER APPLICATION NUMBER: PA 1998 00670
; EARLIER FILING DATE: 1998-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Sphingomonas

US-09-192-104-6

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 850 CTGGACACGAGCCTGAAG 867
||||| ||||| ||| |||
Db 18 CTGGACACGAGCAGAAAG 1

RESULT 757

US-09-543-446-6/c
; Sequence 6, Application US/09543446
; Patent No. 6303360
; GENERAL INFORMATION:
; APPLICANT: Alexander Blinkovsky
; APPLICANT: Tony Byun
; APPLICANT: Alan V. Klotz
; APPLICANT: Alan Sloma
; APPLICANT: Maria Tang
; APPLICANT: Mikio Fujii
; APPLICANT: Chigusa Marumoto
; APPLICANT: Lene Venke Kofod
; TITLE OF INVENTION: Polypeptides Having Aminopeptidase
; TITLE OF INVENTION: Activity And Nucleic Acids Encoding Same
; FILE REFERENCE: 5379.210-US
; CURRENT APPLICATION NUMBER: US/09/543.446
; CURRENT FILING DATE: 2000-04-05
; EARLIER APPLICATION NUMBER: 60/069719
; EARLIER FILING DATE: 1997-12-16
; EARLIER APPLICATION NUMBER: 1465/97
; EARLIER FILING DATE: 1997-12-16
; EARLIER APPLICATION NUMBER: PA 1998 00670
; EARLIER FILING DATE: 1998-05-15
; EARLIER APPLICATION NUMBER: 09/192.104

; EARLIER FILING DATE: 1998-11-13
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Sphingomonas
US-09-543-446-6

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 850 CTGGACACGAGCCTGAAG 867
||||| ||||| ||| |||
Db 18 CTGGACACGAGCAGAAAG 1

RESULT 758

US-09-336-447A-21
; Sequence 21, Application US/09336447A
; Patent No. 6310190
; GENERAL INFORMATION:
; APPLICANT: HANSEN, ERIC J.
; APPLICANT: AEBI, CHRISTOPH
; APPLICANT: COPE, LESLIE D.
; APPLICANT: MACIVER, ISOBEL
; APPLICANT: FISKE, MICHAEL J.
; APPLICANT: FREDENBURG, ROSS A.
; TITLE OF INVENTION: USP41 AND USP42 ANTIGENS OF MORAXELLA CATARRHALIS
; FILE REFERENCE: AMCY:024
; CURRENT APPLICATION NUMBER: US/09/336.447A
; CURRENT FILING DATE: 1999-06-21
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 21
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Moraxella catarrhalis

US-09-336-447A-21

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 468 CAAGCGCTATCACTACC 485
||||| ||||| ||| |||
Db 2 CAAGCTGATATCACTACC 19

RESULT 759

US-09-302-681-49/c
; Sequence 49, Application US/09302681
; Patent No. 6441149
; GENERAL INFORMATION:
; APPLICANT: Herrnstadt, Corrina
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Cleveenger, William
; APPLICANT: Fahy, Eoin F.
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: DIAGNOSTIC METHOD BASED ON
; TITLE OF INVENTION: QUANTIFICATION OF EXTRAMITOCHONDRIAL DNA
; FILE REFERENCE: 660088.416C1
; CURRENT APPLICATION NUMBER: US/09/302.681
; CURRENT FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 49
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer corresponding to cytochrome

OTHER INFORMATION: c oxidase encoding mitochondrial DNA
US-09-302-681-49

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1151 TTGACATGTGGGTGTGG 1168
| | | | | | | | | | | | | | | | | | | | | |
Db 18 TGGACAGTGTGTGTGG 1

RESULT 760

US-09-302-681-50/c
Sequence 50, Application US/09302681

Patent No. 6441149

GENERAL INFORMATION:

APPLICANT: Herinstdadt, Corrina

APPLICANT: Ghosh, Soumitra S.

APPLICANT: Clevenger, William

APPLICANT: Faby, Eoin F.

APPLICANT: Davis, Robert E.

TITLE OF INVENTION: DIAGNOSTIC METHOD BASED ON

TITLE OF INVENTION: QUANTIFICATION OF EXTRAMITOCHONDRIAL DNA

FILE REFERENCE: 66088.416C1

CURRENT APPLICATION NUMBER: US/09/302,681

CURRENT FILING DATE: 1999-04-30

NUMBER OF SEQ ID NOS: 108

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 50

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide primer corresponding to cytochrome

OTHER INFORMATION: c oxidase encoding mitochondrial DNA

US-09-302-681-50

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1151 TTGACATGTGGGTGTGG 1168
| | | | | | | | | | | | | | | | | | | | | |
Db 19 TGGACAGTGTGTGTGG 2

RESULT 761

US-09-422-978-9032/c

Sequence 9032, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 9032

LENGTH: 19

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..19

OTHER INFORMATION: downstream amplification primer 99-2085 for SEQ 1167, in compleme
US-09-422-978-9032

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1686 CATCTTCCCTGCTTACTC 1703
| | | | | | | | | | | | | | | | | | | | | |
Db 18 CTCTTCCCTGATTCCTC 1

RESULT 762

US-09-422-978-11036

Sequence 11036, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 11036

LENGTH: 19

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..19

OTHER INFORMATION: downstream amplification primer 99-24156 for SEQ 3171, in compleme
US-09-422-978-11036

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 964 AAGTGCTACACCGAC 981
| | | | | | | | | | | | | | | | | | | | | |
Db 1 AAAGTGCTAGACCCAGAC 18

RESULT 763

US-09-422-978-11495/c

Sequence 11495, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER FILING DATE: 1999-04-21

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER FILING DATE: 1998-11-23

EARLIER APPLICATION NUMBER: US 60/082,614

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 11495

LENGTH: 19

TYPE: DNA

ORGANISM: Homo Sapiens

```
;
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-8055 for SEQ 3630, in compleme
US-09-422-978-11495

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 505 GAGGCGCTACCTGGAGAAG 522
      ||||| ||||| |||||
Db 19 GAGGACTACCTGGCAAG 2

RESULT 764
US-09-957-189-6/c
; Sequence 6, Application US/09957189
; Patent No. 6673571
; GENERAL INFORMATION:
; APPLICANT: Alexander Blinkovsky
; APPLICANT: Tony Byun
; APPLICANT: Alan V. Klotz
; APPLICANT: Alan Sloma
; APPLICANT: Maria Tang
; APPLICANT: Mikio Fujii
; APPLICANT: Chigusa Marumoto
; APPLICANT: Lene Venke Kofod
; TITLE OF INVENTION: Polypeptides Having Aminopeptidase
; TITLE OF INVENTION: Polypeptidy And Nucleic Acids Encoding Same
; FILE REFERENCE: 5379,200-US
; CURRENT APPLICATION NUMBER: US/09/957,189
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/192,104
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 1465/97
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PA 1998 00670
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Sphingomonas
US-09-957-189-6

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 850 CTGGACAAGGACCTGAAG 867
      ||||| ||||| |||||
Db 18 CTGGACAAGGACGAAAAG 1

RESULT 765
US-09-952-267B-21
; Sequence 21, Application US/09952267B
; Patent No. 6753417
; GENERAL INFORMATION:
; APPLICANT: HANSEN, ERIC J.
; APPLICANT: AEBEL, CHRISTOPH
; APPLICANT: COPE, LESLIE D.
; APPLICANT: MACIVER, ISOBEL
; APPLICANT: FISKE, MICHAEL J.
; APPLICANT: FREDENBURG, ROSS A.
; TITLE OF INVENTION: USP41 AND USP42 ANTIGENS OF MORAXELLA CATARRHALIS
; FILE REFERENCE: AMCY:024
; CURRENT APPLICATION NUMBER: US/09/952,267B
; CURRENT FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US/09/336,447
; PRIOR FILING DATE: 1999-06-21
```

```
;
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Moraxella catarrhalis
US-09-952-267B-21

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 468 CAAGCGCTATCACTACC 485
      ||||| ||||| |||||
Db 2 CAAGCTGATCACTACC 19

RESULT 766
US-09-696-791-227
; Sequence 227, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 227
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-227

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1030 GCTGACTTTGGCTGGCC 1047
      ||||| ||||| |||||
Db 2 GCAGACTTTGGACTAGCC 19

RESULT 767
US-09-696-791-228
; Sequence 228, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 228
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-228

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1035 CTTTGGCTGCCGAGC 1052
Db 1 CTTTGGACTAGCCAGAGC 18

US-09-696-791-566
; Sequence 566, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 566
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk6 ribozyme binding site
US-09-696-791-566

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 924 GTTCCAGCTGCTCCGTGG 941
Db 1 GTTCCAGCTTCTCCGAGG 18

US-09-696-791-568
; Sequence 568, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 568
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk6 ribozyme binding site
US-09-696-791-568

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 928 CAGCTGCTCCGTGCCCTG 945
Db 2 CAGCTTCTCCGAGGTCTG 19

US-09-696-791-677
; Sequence 677, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
```

```
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 677
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk7 ribozyme binding site
US-09-696-791-677

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 653 CCACCGTCTACAAGGCA 670
Db 1 CCACCGTTTACAAGGCCA 18

US-09-696-791-784
; Sequence 784, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 784
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk7 ribozyme binding site
US-09-696-791-784

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1158 GTGGGTGTGGGTGCAT 1175
Db 1 GTGGGTGTGTGGCTGTAT 18

US-09-696-791-1219
; Sequence 1219, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1219
; LENGTH: 19
```

```
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk-we-hu ribozyme binding site
US-09-696-791-1219

Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 281 CTGGGAACCTCGTTCTG 298
      ||||| ||||| |||||
Db 1 CTGGAGAATTGGTTCTG 18

RESULT 773
US-09-696-791-1346/c
; Sequence 1346, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1346
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk-we-hu ribozyme binding site
US-09-696-791-1346

Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 388 TCCTCGGATGAGGTGCAG 405
      ||||| ||||| |||||
Db 19 TTCTCGGAAGAGGTTTCAG 2

RESULT 774
US-09-696-791-1930
; Sequence 1930, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1930
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D2 ribozyme binding site
US-09-696-791-1930

Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 983 TCAAGCCCCAGACCTGC 1000
```

```
Db 2 TCAAGCCTCAGGAGCTGC 19

RESULT 775
US-09-696-791-2050
; Sequence 2050, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2050
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D3 ribozyme binding site
US-09-696-791-2050

Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1623 CCGAGGCCCGCCAGCAGGCA 1640
      ||||| ||||| |||||
Db 2 CCGGGGCTCCAGCAGGCCA 19

RESULT 776
US-09-696-791-3890
; Sequence 3890, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3890
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: PCNA HH ribozyme binding site
US-09-696-791-3890

Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 694 GTGGCACTCAAGGAGATC 711
      ||||| ||||| |||||
Db 2 GAGGCACTCAAGGACCTC 19

RESULT 777
US-07-696-793A-36
; Sequence 36, Application US/07696793A
; Patent No. 5220004
; GENERAL INFORMATION:
; APPLICANT: Saiki, Randall K.
; APPLICANT: Nasarabadi, Shanavaz L.
```

1 TITLE OF INVENTION: Methods and Reagents for G Gamma Globin
2 TITLE OF INVENTION: Typing
3 NUMBER OF SEQUENCES: 58
4 CORRESPONDENCE ADDRESS:
5 ADDRESSEE: Cetus Corporation
6 STREET: 1400 Fifty-Third Street
7 CITY: Emeryville
8 STATE: California
9 COUNTRY: U.S.A.
10 ZIP: 94608
11 COMPUTER READABLE FORM:
12 MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
13 COMPUTER: Apple Macintosh
14 OPERATING SYSTEM: Macintosh 6.0.5
15 SOFTWARE: WordPerfect
16 CURRENT APPLICATION DATA:
17 APPLICATION NUMBER: US/07/696,793A
18 FILING DATE: 19910507
19 CLASSIFICATION: 435
20 PRIOR APPLICATION DATA:
21 APPLICATION NUMBER:
22 FILING DATE:
23 ATTORNEY/AGENT INFORMATION:
24 NAME: Kevin R. Kaster
25 REGISTRATION NUMBER: 32704
26 REFERENCE/DOCKET NUMBER: 2598
27 TELECOMMUNICATION INFORMATION:
28 TELEPHONE: (415) 420-3444
29 TELEFAX: (415) 658-5239
30 INFORMATION FOR SEQ ID NO: 36:
31 SEQUENCE CHARACTERISTICS:
32 LENGTH: 20 base pairs
33 TYPE: NUCLEIC ACID
34 STRANDEDNESS: single stranded
35 TOPOLOGY: linear
36 MOLECULE TYPE: Other nucleic acid
37 US-07-696-793A-36
38
39 Query Match 0.8%; Score 13.2; DB 1; Length 20;
40 Best Local Similarity 83.3%; Pred. No. 5.7e+02;
41 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
42
43 QY 1654 TGCACACCCCTCACAGG 1671
44 ||||| |
45 Db 3 TGCCACCGCTCACAGG 20
46
47 RESULT 778
48 US-07-777-694-36
49 Sequence 36, Application US/07977694
50 Patent No. 5273883
51 GENERAL INFORMATION:
52 APPLICANT: Saiki, Randall K.
53 APPLICANT: Nasarabadi, Shanavaz L.
54 TITLE OF INVENTION: Methods and Reagents for G Gamma Globin
55 TITLE OF INVENTION: Typing
56 NUMBER OF SEQUENCES: 58
57 CORRESPONDENCE ADDRESS:
58 ADDRESSEE: Hoffmann-La Roche Inc.
59 STREET: 340 Kingsland Street
60 CITY: Nutley
61 STATE: New Jersey
62 COUNTRY: U.S.A.
63 ZIP: 07110-1199
64 COMPUTER READABLE FORM:
65 MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
66 COMPUTER: Apple Macintosh
67 OPERATING SYSTEM: Macintosh 6.0.5
68 SOFTWARE: WordPerfect
69 CURRENT APPLICATION DATA:
70 APPLICATION NUMBER: US/07/977,694
71 FILING DATE: 19921117
72 CLASSIFICATION: 435

1 PRIOR APPLICATION DATA:
2 APPLICATION NUMBER:
3 FILING DATE:
4 ATTORNEY/AGENT INFORMATION:
5 NAME: Stacey R. Sias, Ph.D.
6 REGISTRATION NUMBER: 32,630
7 REFERENCE/DOCKET NUMBER: 8733
8 TELECOMMUNICATION INFORMATION:
9 TELEPHONE: (510) 814-2863
10 TELEFAX: (510) 814-2977
11 INFORMATION FOR SEQ ID NO: 36:
12 SEQUENCE CHARACTERISTICS:
13 LENGTH: 20 base pairs
14 TYPE: NUCLEIC ACID
15 STRANDEDNESS: single stranded
16 TOPOLOGY: linear
17 MOLECULE TYPE: Other nucleic acid
18 US-07-977-694-36
19
20 Query Match 0.8%; Score 13.2; DB 1; Length 20;
21 Best Local Similarity 83.3%; Pred. No. 5.7e+02;
22 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
23
24 QY 1654 TGCACACCCCTCACAGG 1671
25 ||||| |
26 Db 3 TGCCACCGCTCACAGG 20
27
28 RESULT 779
29 US-07-940-242A-41/c
30 Sequence 41, Application US/07940242A
31 Patent No. 5427909
32 GENERAL INFORMATION:
33 APPLICANT: OKAMOTO, Hiroaki
34 APPLICANT: NAKAMURA, Tetsuo
35 TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION
36 TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES
37 NUMBER OF SEQUENCES: 99
38 CORRESPONDENCE ADDRESS:
39 ADDRESSEE: Beveridge, DeGrandi, Weilacher & Young
40 STREET: 1850 M Street, N.W. (Suite 800)
41 CITY: Washington
42 STATE: D.C.
43 COUNTRY: US
44 ZIP: 20036
45 COMPUTER READABLE FORM:
46 MEDIUM TYPE: Floppy disk
47 COMPUTER: IBM PC compatible
48 OPERATING SYSTEM: PC-DOS/MS-DOS
49 SOFTWARE: PatentIn Release #1.0, Version #1.25
50 CURRENT APPLICATION DATA:
51 APPLICATION NUMBER: US/07/940,242A
52 FILING DATE: 08-SEP-1992
53 CLASSIFICATION: 435
54 PRIOR APPLICATION DATA:
55 APPLICATION NUMBER: JP 307296/91
56 FILING DATE: 09-SEP-1991
57 PRIOR APPLICATION DATA:
58 APPLICATION NUMBER: JP 093960/92
59 FILING DATE: 28-FEB-1992
60 ATTORNEY/AGENT INFORMATION:
61 NAME: Weilacher, Robert G.
62 REGISTRATION NUMBER: 20,531
63 REFERENCE/DOCKET NUMBER: 06/87-48095
64 TELECOMMUNICATION INFORMATION:
65 TELEPHONE: (202) 659-2811
66 TELEFAX: (202) 659-1462
67 TELEX: WUI 64470
68 INFORMATION FOR SEQ ID NO: 41:
69 SEQUENCE CHARACTERISTICS:
70 LENGTH: 20 base pairs
71 TYPE: nucleic acid
72 STRANDEDNESS: single

```
; TOPOLOGY: linear
US-07-940-242A-41

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 730 GGGGACCCCTGCACGCC 747
DB 20 GAGGACCCCTGCCACGCC 3

RESULT 780
US-08-250-849-13
; Sequence 13, Application US/08250849
; Patent No. 5567583
; GENERAL INFORMATION:
; APPLICANT: Chang-Ning J. Wang and Kai-
; APPLICANT: Yuan Wu
; TITLE OF INVENTION: METHOD FOR DETECTING A TARGET
; TITLE OF INVENTION: NUCLEIC ACID
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; COMPUTER: IBM PS/2 Model 50Z or 55SX
; OPERATING SYSTEM: MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/250,849
; FILING DATE: 05/26/94
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/808,463
; FILING DATE: December 16, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Y. Rocky Tsao
; REGISTRATION NUMBER: 34,053
; REFERENCE/DOCKET NUMBER: 06498/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-250-849-13

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1452 TCCATCTTCCCTCAGTCT 1469
DB 1 TCCATCTTGCATCTCAGTCT 18

RESULT 781
US-07-977-630-9
; Sequence 9, Application US/07977630
; Patent No. 5583038
; GENERAL INFORMATION:
; APPLICANT: Stover, Charles K.
; TITLE OF INVENTION: BACTERIAL EXPRESSION VECTORS CONTAINING
```

```
; TITLE OF INVENTION: DNA ENCODING SECRETION SIGNALS OF LIPOPROTEINS
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carelia, Byrne, Bain, Gilfillan, Cecchi,
; ADDRESSEE: Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,630
; FILING DATE: No. 5583038member 17, 1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Herron, Charles J.
; REGISTRATION NUMBER: 28,019
; REFERENCE/DOCKET NUMBER: 469201-174
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
US-07-977-630-9

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGTAAGGATCGACAGGA 27
DB 1 CGTAGAGGATCCACAGGA 18

RESULT 782
US-08-435-529-12
; Sequence 12, Application US/08435529
; Patent No. 5635354
; GENERAL INFORMATION:
; APPLICANT: KOURILSKY, PHILIPPE
; APPLICANT: PANNETIER, CHRISTOPHE
; APPLICANT: COCHET, MADELEINE
; TITLE OF INVENTION: METHOD FOR DESCRIBING THE REPERTOIRES OF
; TITLE OF INVENTION: ANTIBODIES (AB) AND OF T-CELL RECEPTORS (TCR) OF AN
; TITLE OF INVENTION: INDIVIDUAL'S IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,529
; FILING DATE:
; CLASSIFICATION: 435
```

```
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/084,249
/ FILING DATE: 09-JUL-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Oblon, No. 5635354man F.
/ REGISTRATION NUMBER: 24,618
/ REFERENCE/DOCKET NUMBER: 354-015-0
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703) 413-3000
/ TELEFAX: (703) 413-2220
/ TELEX: 248855 OPAT UR
/ INFORMATION FOR SEQ ID NO: 12:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: unknown
/ TOPOLOGY: unknown
/ MOLECULE TYPE: DNA (genomic)
/ US-08-435-529-12

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1526 TTCAGCTACAAAGGAGG 1543
||||| ||| ||| |||
Db 2 TTCAGCACAGAGGAG 19

RESULT 783
US-08-379-078-597/c
; Sequence 597, Application US/08379078
; Patent No. 5639612
; GENERAL INFORMATION:
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: Gene Detection System
; NUMBER OF SEQUENCES: 726
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KNOBE, MARTENS, OLSON AND BEAR
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,078
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/974,406
; FILING DATE: 12-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.011CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 597:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cdna to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
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```
US-08-379-078-597

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1384 GACCTCTCACCAAGCTG 1401
||||| ||| ||| |||
Db 18 GACCTTCTCAGCAGCAG 1

RESULT 784
US-08-403-555-10
; Sequence 10, Application US/08403555
; Patent No. 5643730
; GENERAL INFORMATION:
; APPLICANT: Banker, Michael J.
; APPLICANT: Davidson, Ralph E.
; APPLICANT: Pereira, Dennis A.
; TITLE OF INVENTION: Process for Detecting Specific mRNA and
; TITLE OF INVENTION: DNA in Cells
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patent Department, Pfizer Inc
; STREET: Eastern Point Road
; CITY: Groton
; STATE: Connecticut
; COUNTRY: U.S.A.
; ZIP: 06340
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,555
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/052,805
; FILING DATE:
; APPLICATION NUMBER: US/07/764,462
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Benson, Gregg C.
; REGISTRATION NUMBER: 30,997
; REFERENCE/DOCKET NUMBER: PC8036GCB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (203) 441-4901
; TELEFAX: (203) 441-5221
; TELEX: 420440 ITT
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-403-555-10

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1654 TGGCACACCCCTCACAGG 1671
||||| ||| ||| |||
Db 3 TGGCACACCCCTCACAGG 20

RESULT 785
US-08-328-314-13/c
; Sequence 13, Application US/08328314
; Patent No. 5674728
; GENERAL INFORMATION:
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Query Match 0.8%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 5.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1452 TCCATTCCTCAGTCT 1469
 |||||
 Db 1 TCCACTCTGACTCAGTCT 18

RESULT 788

US-08-731-045-13/c
 ; Sequence 13, Application US/08731045
 ; Patent No. 5756338

GENERAL INFORMATION:

APPLICANT: Buxton, Frank
 APPLICANT: Jarai, Gabor
 APPLICANT: Visser, Jacob
 TITLE OF INVENTION: Fungal Protease
 NUMBER OF SEQUENCES: 16
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CIBA-GEIGY CORPORATION
 STREET: 520 White Plains Road
 CITY: Tarrytown
 STATE: New York
 COUNTRY: USA
 ZIP: 10591-9725

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: ASCII Editor

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/731,045
 FILING DATE: Herewith
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/328,314
 FILING DATE: October 24, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Ferraro, Gregory D.
 REGISTRATION NUMBER: 36,134
 REFERENCE/DOCKET NUMBER: 4-19746/A/DIV

TELECOMMUNICATION INFORMATION:

TELEPHONE: (908) 277-3318

TELEFAX: (908) 277-4306

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: misc feature

LOCATION: 1..20

OTHER INFORMATION: /standard_name= "oligonucleotide B"

US-08-731-045-13

Query Match 0.8%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 5.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1217 CCACGGTGGAGGACACG 1234
 |||||
 Db 20 CCTCGCGGAGGCACG 3

RESULT 789

US-08-466-886-10/c
 ; Sequence 10, Application US/08466886
 ; Patent No. 5776677

GENERAL INFORMATION:

APPLICANT: Tsui, Lap-Chee
 APPLICANT: Riordan, John R.
 APPLICANT: Rommens, Johanna M.
 APPLICANT: Kerem, Bat-Sheva
 APPLICANT: Collins, Francis S.
 APPLICANT: Iannuzzi, Michael C.
 APPLICANT: Drumm, Mitchell L.
 APPLICANT: Buckwald, Manuel
 TITLE OF INVENTION: Cystic Fibrosis Gene
 NUMBER OF SEQUENCES: 43

CORRESPONDENCE ADDRESS:

ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX
 STREET: 1100 New York Avenue, N.W.

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/466,886

FILING DATE: 06-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Goldstein, Jorge A.
 REGISTRATION NUMBER: 29,021
 REFERENCE/DOCKET NUMBER: 1329.0010006

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-2600

TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cdna

US-08-466-886-10

Query Match 0.8%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 5.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 705 GGAGATCAGACTGGAACA 722
 |||||
 Db 19 GGAGAGCAAACTGGATCA 2

RESULT 790

US-08-466-886-12

; Sequence 12, Application US/08466886

; Patent No. 5776677

GENERAL INFORMATION:

APPLICANT: Tsui, Lap-Chee
 APPLICANT: Riordan, John R.

APPLICANT: Rommens, Johanna M.

APPLICANT: Kerem, Bat-Sheva

APPLICANT: Collins, Francis S.

APPLICANT: Iannuzzi, Michael C.

APPLICANT: Drumm, Mitchell L.

APPLICANT: Buckwald, Manuel

TITLE OF INVENTION: Cystic Fibrosis Gene

NUMBER OF SEQUENCES: 43

CORRESPONDENCE ADDRESS:

ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX
 STREET: 1100 New York Avenue, N.W.

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005

```
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,886
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 1329.0010006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-2600
; TELEFAX: 202-371-2540
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-466-886-12

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 53 CAGTGTGACTGCTGAAC 70
DB 1 CAATGTGATTGTTGAAC 18

RESULT 791
US-08-374-155A-18
; Sequence 18, Application US/08374155A
; Patent No. 5786140
; GENERAL INFORMATION:
; APPLICANT: Mattes, Ralf
; APPLICANT: Klein, Kathrin
; APPLICANT: Schiweck, Hubert
; APPLICANT: Kunz, Markwart
; APPLICANT: Munir, Mohammed
; TITLE OF INVENTION: Preparation of Acariogenic Sugar
; TITLE OF INVENTION: Substitutes
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ATTORNEY/AGENT INFORMATION:
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/374,155A
; FILING DATE: 18-JAN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S
; REGISTRATION NUMBER: 33,694
; REFERENCE/DOCKET NUMBER: 05638.0006-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
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```
;
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (geonomic)
; US-08-374-155A-18

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 482 TACCAGTGCATCGGCTG 501
DB 1 TCCCAGTTCAGTCCGGCTG 20

RESULT 792
US-08-910-973-23
; Sequence 23, Application US/08910973
; Patent No. 5795723
; GENERAL INFORMATION:
; APPLICANT: Tapscott, Stephen J.
; APPLICANT: Olson, James M.
; TITLE OF INVENTION: Expression of Neurogenic bHLH Genes in Primitive Neuroectoder
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen O'Connor Johnson Kindness PLLC
; STREET: 1420 Fifth Avenue, Suite 2800
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,973
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/239,238
; FILING DATE: 06-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US95/05741
; FILING DATE: 08-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/17532
; FILING DATE: 30-October-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheiness, Diana K.
; REGISTRATION NUMBER: 35,356
; REFERENCE/DOCKET NUMBER: FPCR-1-10958
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-682-8100; 206-224-0735 (direct)
; TELEFAX: 206-225-0779
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; US-08-910-973-23

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1665 TCACAGGCGAGCCCCAA 1682
DB 2 TCACAGTCAAGCGCCCAA 19
```

RESULT 793
US-08-800-036-7
; Sequence 7, Application US/08800036
; Patent No. 5830661
; GENERAL INFORMATION:
; APPLICANT: Sarfarazi, Mansoor
; TITLE OF INVENTION: Diagnosis and Treatment of Glaucoma
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David E. Brook, Esq.
; STREET: Hamilton, Brook, Smith & Reynolds, Two
; STREET: Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 13-FEB-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: UCT97-01
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-800-036-7
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 10 CGTAAAGGATGGACAGGA 27
Db 2 CATAAAGGAAGCCAGGA 19
RESULT 794
US-08-117-952-120/c
; Sequence 120, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 120:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-117-952-120
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1135 GACTACTCCACTCAGATT 1152
Db 19 GACTGCTCCCTCAGAGT 2
RESULT 795
US-08-478-178A-44
; Sequence 44, Application US/08478178A
; Patent No. 5882927
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5882927ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,178A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
Kinase C

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-478-178A-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCCTCACAGGCGCC 1678
||| ||| ||| ||| |||
Db 3 CCCGTCTCAGCGCC 20

RESULT 796

US-08-344-155C-88/c
; Sequence 88, Application US/08344155C
; Patent No. 5883082
; GENERAL INFORMATION:
; APPLICANT: Bennett and Stepkowski
; TITLE OF INVENTION: Compositions and Methods for Preventing
; TITLE OF INVENTION: and Treating Allograft Rejection
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodland Falls Corporate Park
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/344,155C
; FILING DATE: No. 5883082ember 23, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05209
; FILING DATE: July 23, 1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/063,167
; FILING DATE: 5/17/93
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/007,997
; FILING DATE: 1/21/93
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/939,855
; FILING DATE: 9/2/92
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/567,286
; FILING DATE: 8/14/90
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0098
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 88:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-344-155C-88

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 377 CTTGAGCCAGTCCTCGG 394
||| ||| ||| ||| |||
Db 19 CCTCAGCCATTCCTCTG 2

RESULT 797

US-08-488-177-44
; Sequence 44, Application US/08488177
; Patent No. 5885970
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein Kinase C
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5885970ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,177
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1995
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-488-177-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCCTCACAGGCGCC 1678
||| ||| ||| ||| |||
Db 3 CCCGTCTCAGCGCC 20

RESULT 798

US-08-588-521-6/c
; Sequence 6, Application US/08588521
; Patent No. 5907079
; GENERAL INFORMATION:
; APPLICANT: Mak, Tak W.
; APPLICANT: Reitmaier, Armin
; TITLE OF INVENTION: Mismatch Repair Deficient Animals
; NUMBER OF SEQUENCES: 7

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/588,521
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/32328
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-588-521-6

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 224 ATGAGAGTGGTGGTGG 241
Db 18 AAGAGAGCTGGTGGTG 1

RESULT 799
US-08-481-072A-44
; Sequence 44, Application US/08481072A
; Patent No. 5916807
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5916807ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481,072A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond

; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-481-072A-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCTCAGGCGCAGCCC 1678
Db 3 CCGTCTCAGGCCAGCCC 20

RESULT 800
US-08-664-336-44
; Sequence 44, Application US/08664336
; Patent No. 5922686
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5922686ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/664,336
; FILING DATE: herewith
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 089,996
; FILING DATE: July 9, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-2345
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-664-336-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCCTCACAGGCGAGCCC 1678
|||||
Db 3 CCCGTCACAGGCGAGCCC 20

RESULT 801

US-08-854-727-14
; Sequence 14, Application US/08854727
; Patent No. 5935787
; GENERAL INFORMATION:
; APPLICANT: SIDRANSKY, DAVID
; TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90067

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Fast-SEQ Version 1.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,727
; FILING DATE: 12-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/299,477
; FILING DATE: 31-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Tumarlin, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-3485
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-455-5100
; TELEFAX: 619-455-5110
; TELEX:

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
US-08-854-727-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592
|||||
Db 1 GTGTCAGAGGATCTGAGA 18

RESULT 802

US-08-854-727-34/c
; Sequence 34, Application US/08854727
; Patent No. 5935787
; GENERAL INFORMATION:
; APPLICANT: SIDRANSKY, DAVID
; TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID

; TITLE OF INVENTION: SEQUENCE IN TISSUE
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90067

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Fast-SEQ Version 1.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,727
; FILING DATE: 12-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/299,477
; FILING DATE: 31-AUG-1994

ATTORNEY/AGENT INFORMATION:
; NAME: Tumarlin, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-3485
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-455-5100
; TELEFAX: 619-455-5110
; TELEX:

INFORMATION FOR SEQ ID NO: 34:

SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
US-08-854-727-34

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592
|||||
Db 20 GTGTCAGAGGATCTGAGA 3

RESULT 803

US-08-663-230-11
; Sequence 11, Application US/08663230
; Patent No. 5952170
; GENERAL INFORMATION:
; APPLICANT: STROUN, Maurice
; APPLICANT: ANKER, Philippe
; APPLICANT: VASIOUKHIN, Valeri
; TITLE OF INVENTION: METHOD FOR DIAGNOSING CANCERS
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: YOUNG & THOMPSON
; STREET: 745 South 23rd Street
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/663,230
; FILING DATE: 17-JUN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: CH 3761/93-3
; FILING DATE: 16-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/IB94/00414
; FILING DATE: 13-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: PATCH, Andrew J.
; REGISTRATION NUMBER: 32,925
; REFERENCE/DOCKET NUMBER: JFL/fc/11572
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 521-2297
; TELEFAX: (703) 685-0573
; TELEX: 248425 EMBON
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-663-230-11

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGCGGAG 248
|||||
Db 2 TGGTGGTGGTGGAGCAG 19

RESULT 804
US-08-481-066A-44
; Sequence 44, Application US/08481066A
; Patent No. 5959096
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein Kinase C
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5959096ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481,066A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-481-066A-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCCTCACAGGGCAGCCC 1678
|||||
Db 3 CCCGTCTCAGGCCAGCCC 20

RESULT 805
US-08-926-492-7
; Sequence 7, Application US/08926492
; Patent No. 5962230
; GENERAL INFORMATION:
; APPLICANT: Safarazi, Mansoor
; TITLE OF INVENTION: Diagnosis and Treatment of Glaucoma
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David E. Brook, Esq.
; STREET: Hamilton, Brook, Smith & Reynolds, Two
; STREET: Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/926,492
; FILING DATE: 10-SEP-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/800,036
; FILING DATE: 13-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: UCT97-01A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-9540
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-926-492-7

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGTAAAGGATGGACAGGA 27
|||||
Db 2 CATAAAGGAGGCCAGGA 19

RESULT 806
US-08-785-396-18

; Sequence 18, Application US/08785396
; Patent No. 5985622
; GENERAL INFORMATION:
; APPLICANT: Mattes, Ralf
; APPLICANT: Klein, Kathrin
; APPLICANT: Schiweck, Hubert
; APPLICANT: Kunz, Markwart
; APPLICANT: Munir, Mohammed
; TITLE OF INVENTION: Preparation of Acariogenic Sugar
; TITLE OF INVENTION: Substitutes
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/785,396
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/374,155
; FILING DATE: 18-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S
; REGISTRATION NUMBER: 33,694
; REFERENCE/DOCKET NUMBER: 05638-0006-00000
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-785-396-18

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 482 TACCAGCTGACATCCGGCTG 501
Db 1 TCCAGTTCAAGTCCGGCTG 20

RESULT 807
US-08-940-250-26/c
; Sequence 26, Application US/08940250
; Patent No. 6001991
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, Muthiah Manoharan
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; TITLE OF INVENTION: of MDR P-Glycoprotein Gene Expression
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/940,250
; FILING DATE: Herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/731,199
; FILING DATE: 10/4/96
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0217
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-940-250-26

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1388 TCCTCACCACGCTGTTC 1405
Db 19 TCCTCACCACGCGCTCC 2

RESULT 808
US-08-578-615A-44
; Sequence 44, Application US/08578615A
; Patent No. 6015892
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,615A
; FILING DATE: 11-JAN-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: 16-MAR-1992
; APPLICATION NUMBER: 08/089,996
; FILING DATE: 09-JUL-1993
; APPLICATION NUMBER: 08/199,779
; FILING DATE: 22-FEB-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1568
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100


```
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 20
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   ANTI-SENSE: yes
; US-08-578-615A-44
;
Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCTACAGGCGAGCC 1678
DB 3 CCGCTCAGGCGAGCC 20

RESULT 809
US-09-357-073-47/c
; Sequence 47, Application US/09357073
; Patent No. 6033910
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF MAP KINASE KINASE 6 EXPRESSION
; FILE REFERENCE: RTS-0086
; CURRENT APPLICATION NUMBER: US/09/357,073
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-073-47

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1689 CTTCCCTGCTACTCTCT 1706
DB 19 CTTCCCTGAATCCTCTCT 2

RESULT 810
US-09-357-071-18/c
; Sequence 18, Application US/09357071
; Patent No. 6043091
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVER GLYCOGEN PHOSPHORYLASE EXPRESSION
; FILE REFERENCE: RTS-0074
; CURRENT APPLICATION NUMBER: US/09/357,071
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-071-18

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 125 TGGATCGATGAGAGA 142
```

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Db 19 TGCATTGGATATAGAAGA 2

RESULT 811
US-09-048-505-7
; Sequence 7, Application US/09048505
; Patent No. 6046009
; GENERAL INFORMATION:
; APPLICANT: Sarfarazi, Mansoor
; TITLE OF INVENTION: Diagnosis and Treatment of Glaucoma
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David E. Brook, Esq.
; STREET: Hamilton, Brook, Smith & Reynolds, Two
; STREET: Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02421-4799
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,505
; FILING DATE: 26-MAR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/926,492
; FILING DATE: 10-SEP-97
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/800,036
; FILING DATE: 13-FEB-97
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: UCT97-01AZ
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781) 861-6240
; TELEFAX: (781) 861-9540
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 20 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; US-09-048-505-7
;
Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGTAAAGCATGACGACGA 27
DB 2 CATTAAGGAGGCGACGA 19

RESULT 812
US-08-746-111-51
; Sequence 51, Application US/08746111
; Patent No. 6066778
; GENERAL INFORMATION:
; APPLICANT: Ginsburg, David
; APPLICANT: Cui, Jisong
; TITLE OF INVENTION: Compositions And Methods For Screening
; TITLE OF INVENTION: Compounds For Anticoagulant Activity
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
```

```
; STATE: California
; COUNTRY: United States of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/746,111
; FILING DATE: 06-NOV-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: UM-02536
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-746-111-51

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 201 TGCCCTCGAGCATAGG 218
Db 2 TGCCCTCGGCTGATAGG 19

RESULT 813
US-08-777-266A-26
; Sequence 26, Application US/08/77266A
; Patent No. 6077833
; GENERAL INFORMATION:
; APPLICANT: Clarence Frank Bennett
; APPLICANT: Timothy A. Vickers
; TITLE OF INVENTION: Oligonucleotide Compositions and
; TITLE OF INVENTION: Methods for the Modulation of the Expression of B7 Proteins
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/777,266A
; FILING DATE: December 31, 1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0201
; TELEPHONE: (609) 779-2400
```

```
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-777-286A-26

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 814 CACACGGAGAGTCCCTC 831
Db 2 CTCACGTAGAAGACCCTC 19

RESULT 814
US-08-545-196B-56
; Sequence 56, Application US/08545196B
; Patent No. 6080577
; GENERAL INFORMATION:
; APPLICANT: MELKI, JUDITH
; APPLICANT: MUNNICH, ARNOLD
; TITLE OF INVENTION: SURVIVAL MOTOR NEURON (SMN) GENE: A GENE
; TITLE OF INVENTION: SURVIVAL MOTOR NEURON (SMN) GENE: A GENE
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH, LLP
; STREET: PO BOX 747
; CITY: FALLS CHURCH
; STATE: VA
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/545,196B
; FILING DATE: 19-OCT-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: FARACI, C. J.
; REGISTRATION NUMBER: 32,350
; REFERENCE/DOCKET NUMBER: 2121-110P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 205-8000
; TELEFAX: (703) 205-8050
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: NO
US-08-545-196B-56

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 447 GATCTCCACTGAGGACAT 454
Db 1 GGTGTCCACAGAGGACAT 18

RESULT 815
US-09-009-913-259
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```
; Sequence 259, Application US/09009913
; Patent No. 6087485
; GENERAL INFORMATION:
; TITLE OF INVENTION: AxyS Pharmaceuticals, Inc.
; NUMBER OF SEQUENCES: 339
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bozicevic & Reed, LLP
; STREET: 285 Hamilton Ave, Suite 200
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/009,913
; FILING DATE: 21-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: SEQ-4P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3231
; TELEFAX: 650-327-3231
; TELEX:
; INFORMATION FOR SEQ ID NO: 259:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-009-913-259

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1229 AACAGCTACCTTCATCT 1246
Db 2 AACAGCAAAACCTCATCT 19

RESULT 816
US-08-846-020A-37
; Sequence 37, Application US/08846020A
; Patent No. 6090547
; GENERAL INFORMATION:
; APPLICANT: Drazen M.D., Jeffrey M.
; APPLICANT: In M.D., Kwang-Ho
; APPLICANT: Asano M.D., Koichiro
; APPLICANT: Beier, David
; APPLICANT: Grobholz, James
; TITLE OF INVENTION: 5-Lipoxygenase Gene Sequence
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

```
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/846,020A
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Jarrell Ph.D., Brenda H.
; REGISTRATION NUMBER: 39,223
; REFERENCE/DOCKET NUMBER: 0092662-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248-4000
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; IMMEDIATE SOURCE:
; CLONE: Exon 11 antisense primer
; US-08-846-020A-37

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1257 AGGAACCCCACTGAGGA 1274
Db 3 ACGAACCTTACTTGAGGA 20

RESULT 817
US-08-872-855-15/c
; Sequence 15, Application US/08872855
; Patent No. 6121045
; GENERAL INFORMATION:
; APPLICANT: McCarthy, Sean
; APPLICANT: Gearing, David
; TITLE OF INVENTION: NOVEL HUMAN DELTA3 COMPOSITIONS AND
; TITLE OF INVENTION: THERAPEUTIC USES THEREFOR
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/872,855
; FILING DATE: 11-JUN-1997
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Artold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MAA-003.02
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-872-855-15

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1603 ACCGAGTCTCTAAGCCACA 1620
Db 19 ACCGAGGTCGAAGCCGCA 2

RESULT 818
US-09-280-799-7
; Sequence 7, Application US/09280799
; Patent No. 6136603
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karras, James G
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; TITLE OF INVENTION: TRANSDUCTION
; FILE REFERENCE: ISPH-0340
; CURRENT APPLICATION NUMBER: US/09/280,799
; CURRENT FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic
US-09-280-799-7

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 654 CACCGTCTACAAGGCAA 671
Db 3 CATCGTCTGCAAGGAAA 20

RESULT 819
US-08-765-340-51
; Sequence 51, Application US/08765340
; Patent No. 6150092
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.,
; APPLICANT: UCHIDA, T.,
; APPLICANT: TANAKA, Y.,
; APPLICANT: MATSUDA, Y.,
; APPLICANT: KONDO, S.
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version
; SOFTWARE: #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,340
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; FILING DATE: 23-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 145146/94
; FILING DATE: 27-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 311130/94
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-51

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 334 CACGAGGACTTGAAGATG 351
Db 1 CAGGATGGCTTGAAGATG 18

RESULT 820
US-09-433-699-16
; Sequence 16, Application US/09433699B
; Patent No. 6165786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433,699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-16

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1239 CTTGATCTTCGATCTTT 1256
Db 1 CCTCATCTTCACTATCTTT 18

RESULT 821
US-09-513-729B-30/C
; Sequence 30, Application US/09513729B
; Patent No. 6165791
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0112
; CURRENT APPLICATION NUMBER: US/09/513,729B
; CURRENT FILING DATE: 2000-02-24
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; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-513-729B-30

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1068 AAAGACATCTCCAATGA 1085
Db 19 AAACACACAGTCCAATGA 2

RESULT 822
US-09-490-692-74
; Sequence 74, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RPS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-74

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 446 AGATCTCCACTGAGGACA 463
Db 3 AGATCTGCTAGTGGACA 20

RESULT 823
US-09-517-584A-13/c
; Sequence 13, Application US/09517584A
; Patent No. 6187587
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
; FILE REFERENCE: RTS-0121
; CURRENT APPLICATION NUMBER: US/09/517,584A
; CURRENT FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-13

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 552 GCCCTCAGCGCGCCT 569
```

```
Db 19 GCGCGCGCGCGCGCCT 2

RESULT 824
US-08-469-617-10/c
; Sequence 10, Application US/08469617
; Patent No. 6201107
; GENERAL INFORMATION:
; APPLICANT: Tsui, Lap-Chee
; APPLICANT: Riordan, John R.
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Kerem, Bat-Sheva
; APPLICANT: Collins, Francis S.
; APPLICANT: Iannuzzi, Michael C.
; APPLICANT: Drumm, Mitchell L.
; APPLICANT: Buckwald, Manuel
; TITLE OF INVENTION: Cystic Fibrosis Gene
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,617
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 1329.0010008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-2600
; TELEFAX: 202-371-2540
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-469-617-10

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 705 GGAGATCAGACTGGAAACA 722
Db 19 GGAGAGCAAACTGGATCA 2

RESULT 825
US-08-469-617-12
; Sequence 12, Application US/08469617
; Patent No. 6201107
; GENERAL INFORMATION:
; APPLICANT: Tsui, Lap-Chee
; APPLICANT: Riordan, John R.
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Kerem, Bat-Sheva
; APPLICANT: Collins, Francis S.
; APPLICANT: Iannuzzi, Michael C.
; APPLICANT: Drumm, Mitchell L.
; APPLICANT: Buckwald, Manuel
```

;; TITLE OF INVENTION: Cystic Fibrosis Gene
;; NUMBER OF SEQUENCES: 43
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
;; STREET: 1100 New York Avenue, N.W.
;; CITY: Washington
;; STATE: DC
;; COUNTRY: USA
;; ZIP: 20005
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/469,617
;; FILING DATE: 06-JUN-1995
;; CLASSIFICATION: 800
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Goldstein, Jorge A.
;; REGISTRATION NUMBER: 29,021
;; REFERENCE/DOCKET NUMBER: 1329.0010008
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-371-2600
;; TELEFAX: 202-371-2540
;; INFORMATION FOR SEQ ID NO: 12:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
US-08-469-617-12

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 53 CAGTGTGACTGCTGAAAC 70
Db 1 CAATGTGATTGCTGAAAC 18

RESULT 826
US-08-960-780-70/c
;; Sequence 70, Application US/08960780
;; Patent No. 6204435
;; GENERAL INFORMATION:
;; APPLICANT: Feitelson, Jerald S.
;; APPLICANT: Schnepf, H. Ernest
;; APPLICANT: Narva, Kenneth E.
;; APPLICANT: Stockhoff, Brian A.
;; APPLICANT: Schmeits, James
;; APPLICANT: Loewer, David
;; APPLICANT: Dullum, Charles Joseph
;; APPLICANT: Muller-Cohn, Judy
;; APPLICANT: Stamp, Lisa
;; TITLE OF INVENTION: No. 6204435el Pesticidal Toxins and Nucleotide
;; TITLE OF INVENTION: Sequences Which Encode These Toxins
;; NUMBER OF SEQUENCES: 134
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
;; STREET: 2421 N.W. 41st Street, Suite A-1
;; CITY: Gainesville
;; STATE: FL
;; COUNTRY: US
;; ZIP: 32606-6669
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/960,780
;; FILING DATE: 30-OCT-1997
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 60/029,848
;; FILING DATE: 30-OCT-1996
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Saliwanchik, David R.
;; REGISTRATION NUMBER: 31,794
;; REFERENCE/DOCKET NUMBER: MA-708
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 352-375-8100
;; TELEFAX: 352-372-5800
;; INFORMATION FOR SEQ ID NO: 70:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-08-960-780-70

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1229 AACAGCTACTTCATCT 1246
Db 19 AACAGCTACTTCCTCTT 2

RESULT 827
US-08-960-780-116
;; Sequence 116, Application US/08960780
;; Patent No. 6204435
;; GENERAL INFORMATION:
;; APPLICANT: Feitelson, Jerald S.
;; APPLICANT: Schnepf, H. Ernest
;; APPLICANT: Narva, Kenneth E.
;; APPLICANT: Stockhoff, Brian A.
;; APPLICANT: Schmeits, James
;; APPLICANT: Loewer, David
;; APPLICANT: Dullum, Charles Joseph
;; APPLICANT: Muller-Cohn, Judy
;; APPLICANT: Stamp, Lisa
;; TITLE OF INVENTION: No. 6204435el Pesticidal Toxins and Nucleotide
;; TITLE OF INVENTION: Sequences Which Encode These Toxins
;; NUMBER OF SEQUENCES: 134
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
;; STREET: 2421 N.W. 41st Street, Suite A-1
;; CITY: Gainesville
;; STATE: FL
;; COUNTRY: US
;; ZIP: 32606-6669
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/960,780
;; FILING DATE: 30-OCT-1997
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 60/029,848
;; FILING DATE: 30-OCT-1996
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Saliwanchik, David R.
;; REGISTRATION NUMBER: 31,794
;; REFERENCE/DOCKET NUMBER: MA-708
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 352-375-8100

; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 116:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-960-780-116

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1229 AACAGCTACACTTCATCT 1246
Db ||||||| ||||| |||||

RESULT 828
US-09-313-932-260/c
; Sequence 260, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 260
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-260

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 554 CCCTCAGCGCGGCTCC 571
Db ||||||| ||||| |||||

RESULT 829
US-09-313-932-304
; Sequence 304, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 304
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-304

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1098 GTGTACCGGCCCTCTGA 1115
Db ||||||| ||||| |||||

RESULT 830
US-09-038-637-14
; Sequence 14, Application US/09038637
; Patent No. 6235470
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
; NUMBER OF SEQUENCES: 195
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,637
; FILING DATE: 10-MAR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/579,233
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/152,313
; FILING DATE: 12-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/146001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
US-09-038-637-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 575 GTGTACCGGCCCTCTGAGA 592
Db ||||||| ||||| |||||

RESULT 831
US-09-038-637-46/c
; Sequence 46, Application US/09038637
; Patent No. 6235470
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
; NUMBER OF SEQUENCES: 195
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
US-09-038-637-46/c

STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA USA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FASTSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,637
FILING DATE: 10-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/579,233
FILING DATE: 28-DEC-1995
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/146001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
US-09-038-637-46

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCTACTCTGAGA 592
DB 20 GTGTCAGAGGACTCTGAGA 3

RESULT 832
US-09-073-898-70/c
Sequence 70, Application US/09073898
Patent No. 6242669
GENERAL INFORMATION:
APPLICANT: Feitelson, Jerald S.
APPLICANT: Schnepf, H. Ernest
APPLICANT: Narva, Kenneth E.
APPLICANT: Stockhoff, Brian A.
APPLICANT: Schmeits, James
APPLICANT: Loewer, David
APPLICANT: Muller-Cohn, Judy
APPLICANT: Stamp, Lisa
APPLICANT: Morrill, George
APPLICANT: Finstad-Lee, Stacey
TITLE OF INVENTION: No. 6242669el Pesticidal Toxins and Nucleotide
SEQUENCES WHICH ENCODE THESE TOXINS
NUMBER OF SEQUENCES: 144
CORRESPONDENCE ADDRESS:
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: FL
COUNTRY: US
ZIP: 32606-6669
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073,898
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,848
FILING DATE: 30-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/960,780
FILING DATE: 30-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Sanders, Jay M.
REGISTRATION NUMBER: 39,355
REFERENCE/DOCKET NUMBER: MA-708C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352-375-8100
TELEFAX: 352-372-5800
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-073-898-70
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1229 AACAGCTACACTTCTCT 1246
DB 19 AACAGCTACTCTTCTCTT 2
RESULT 833
US-09-073-898-116
Sequence 116, Application US/09073898
Patent No. 6242669
GENERAL INFORMATION:
APPLICANT: Feitelson, Jerald S.
APPLICANT: Schnepf, H. Ernest
APPLICANT: Narva, Kenneth E.
APPLICANT: Stockhoff, Brian A.
APPLICANT: Schmeits, James
APPLICANT: Loewer, David
APPLICANT: Muller-Cohn, Judy
APPLICANT: Stamp, Lisa
APPLICANT: Morrill, George
APPLICANT: Finstad-Lee, Stacey
TITLE OF INVENTION: No. 6242669el Pesticidal Toxins and Nucleotide
SEQUENCES WHICH ENCODE THESE TOXINS
NUMBER OF SEQUENCES: 144
CORRESPONDENCE ADDRESS:
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: FL
COUNTRY: US
ZIP: 32606-6669
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073,898
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,848

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1229 AACAGCTACTTCATCT 1246
DB 2 AACAGCTACTTCCTTT 19

RESULT 834
US-08-969-317-12
; Sequence 12, Application US/08969317
; Patent No. 6277968
; GENERAL INFORMATION:
; APPLICANT: Tung-Tien Sun, Xue-Ru Wu
; TITLE OF INVENTION: Methods of Detecting and Classifying
; TITLE OF INVENTION: Bladder Cancer
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/969,317
; FILING DATE: herewith
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: NYU-0030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
; US-08-969-317-12

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 514 CTGGAGAAGCTGACCCCTC 531
DB 1 CTGGAGAAGCTGTGCTC 18

RESULT 835
US-08-968-733-14
; Sequence 14, Application US/08968733
; Patent No. 6291163
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: METHOD FOR DETECTING CELL
; TITLE OF INVENTION: PROLIFERATION DISORDERS
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/968,733
; FILING DATE: 28-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/025,805
; FILING DATE: 28-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/097001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; US-08-968-733-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592
DB 1 GTGTCAGAGGATCTGAGA 18

RESULT 836
US-08-968-733-46/c
; Sequence 46, Application US/08968733
; Patent No. 6291163
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: METHOD FOR DETECTING CELL
; TITLE OF INVENTION: PROLIFERATION DISORDERS
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; US-08-968-733-46/c

```
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/968,733
; FILING DATE: 28-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/025,805
; FILING DATE: 28-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/097001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
US-08-968-733-46

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      575 GTGTCAGCCTACTCTGAGA 592
      ||||| ||||| ||||| |||||
DB      20 GTGTCAGAGATCTGAGA 3

RESULT 837
US-07-974-409C-221/c
; Sequence 221, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: METHOD AND REAGENT
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/974,409C
; FILING DATE: 12-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
```

```
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 221:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-07-974-409C-221

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1384 GACCTCTCTCACCACGCTG 1401
      ||||| ||||| ||||| |||||
DB      18 GACCTTCTCAGCAAGCAG 1

RESULT 838
US-09-484-617-121
; Sequence 121, Application US/09484617
; Patent No. 6303374
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/484,617
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-121

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      581 GCCTATCTGAGATTGGCT 598
      ||||| ||||| ||||| |||||
DB      3  GTCTCTCTGAGTTGGCT 20

RESULT 839
US-09-484-617-165
; Sequence 165, Application US/09484617
; Patent No. 6303374
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/484,617
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 165
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-165

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

		QY	533 ATAGCCCCCATCTTTGACA	550 		TITLE OF INVENTION: Modulation of the Expression of B7 Protein
		Dd	2 ATAGTACCAATCATTGACA	19		FILE REFERENCE: ISPH-0376 CURRENT APPLICATION NUMBER: US/09/326,186B CURRENT FILING DATE: 1999-06-04 PRIOR APPLICATION NUMBER: 08/777,266 PRIOR FILING DATE: 1996-12-31 NUMBER OF SEQ ID NOS: 226 SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 26 LENGTH: 20 TYPE: DNA ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Synthetic US-09-326-186B-26
						Query Match 0.8%; Score 13.2; DB 1; Length 20; Best Local Similarity 83.3%; Pred.No. 5.7e+02; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
		QY	814 CACACGGAGAAGTCCTC	831 		
		Dd	2 CTCACGTAGAACCCCTC	19		
						RESULT 843 US-08-829-637A-44 Sequence 44, Application US/08829637A Patent No. 6339066 GENERAL INFORMATION: APPLICANT: C. Frank Bennett APPLICANT: Phillip Dan Cook APPLICANT: Nicholas Dean APPLICANT: Glenn Hoke TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE TITLE OF INVENTION: PHOSPHOTHIOATE LINKAGES OF HIGH CHIRAL PURITY AND ISOFORMS OF TITLE OF INVENTION: WHICH MODULATE ai, ail , k, n, AND ISOFORMS OF PROTEIN KINASE C NUMBER OF SEQUENCES: 136 CORRESPONDENCE ADDRESS: ADDRESSEE: John W. Caldwell (28,937) Woodcock ADDRESSER: Washburn Kurtz Mackiewicz & No. 6339066ris STREET: One Liberty Place - 46th Floor CITY: Philadelphia STATE: PA COUNTRY: USA ZIP: 19103 COMPUTER READABLE FORM: MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE COMPUTER: IBM PS/2 OPERATING SYSTEM: PC-DOS SOFTWARE: WORDPERFECT 6.1 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/829,637A FILING DATE: herewith CLASSIFICATION: 514 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/481,066 FILING DATE: 07-JUN-1995 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/470,129 FILING DATE: 06-JUN-1995 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/469,851 FILING DATE: 06-JUN-1995 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/468,569 FILING DATE: 06-JUN-1995 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 07/089,996 FILING DATE: 09-JUL-1993 PRIOR APPLICATION DATA:
		QY	533 ATAGCCCCCATCTTTGACA	550 		TITLE OF INVENTION: Sequences Encoding Mammalian Calcium
		Dd	19 ATAGTACCATCATTGACA	2		FILE REFERENCE: 18617.0052 CURRENT APPLICATION NUMBER: US/09/193,562D CURRENT FILING DATE: 1998-11-17 PRIOR APPLICATION NUMBER: US/60/065,922 PRIOR FILING DATE: 1997-11-17 NUMBER OF SEQ ID NOS: 47 SEQ ID NO 23 LENGTH: 20 TYPE: DNA ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Amplification primer US-09-193-562D-23
						Query Match 0.8%; Score 13.2; DB 1; Length 20; Best Local Similarity 83.3%; Pred.No. 5.7e+02; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
		QY	211 CAGATAGCGCTGTATGCAG	228 		
		Dd	3 CAGACAGGCTGTATGCAG	20		
						RESULT 842 US-09-326-186B-26 Sequence 26, Application US/09326186B Patent No. 6319906 GENERAL INFORMATION: APPLICANT: Bennett, Clarence Frank APPLICANT: Vickers, Timothy A.

APPLICATION NUMBER: US 08/058,023
FILING DATE: 05-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,007
FILING DATE: 16-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,760
FILING DATE: 15-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/852,852
FILING DATE: 16-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/00243
FILING DATE: 11-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/566,977
FILING DATE: 13-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,358
FILING DATE: 11-JAN-1990
ATTORNEY/AGENT INFORMATION:
NAME:
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER: ISIS-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-829-637A-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCCTCACAGGCGAGCC 1678
DB 3 CCCGTCAGGCGAGCC 20

RESULT 844
US-09-617-871-37
Sequence 37, Application US/09617871
Patent No. 6355434
GENERAL INFORMATION:
APPLICANT: Drzen M.D., Jeffrey M.
APPLICANT: In M.D., Kwang-Ho
APPLICANT: Asano M.D., Koichiro
APPLICANT: Beier, David
APPLICANT: Grobholz, James
TITLE OF INVENTION: 5-Lipoxygenase Gene Sequence
TITLE OF INVENTION: Polymorphisms and Their Use in Classifying Patients
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHOATE, HALL & STEWART
STREET: 53 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2891
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/617,871
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/846,020
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jarrell Ph.D., Brenda H.
REGISTRATION NUMBER: 39,223
REFERENCE/DOCKET NUMBER: 0092662-0012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-5000
TELEFAX: (617) 248 4000
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
IMMEDIATE SOURCE:
CLONE: Exon 11 antisense primer
US-09-617-871-37

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1257 AGGACCCCACTGAGGA 1274
DB 3 ACGAACCTACCTGAGGA 20

RESULT 845

US-09-049-698-29/c
Sequence 29, Application US/09049698
Patent No. 6368792
GENERAL INFORMATION:
APPLICANT: BILLING-MEDEL, PATRICIA A.
APPLICANT: COHEN, MAURICE
APPLICANT: COLPITTS, TRACEY L.
APPLICANT: FRIEDMAN, PAULA N.
APPLICANT: HAYDEN, MARK
APPLICANT: KLASS, MICHAEL R.
APPLICANT: ROBERTS-RAPP, LISA
APPLICANT: RUSSELL, JOHN C.
APPLICANT: STROUPE, STEPHEN D.
TITLE OF INVENTION: REAGENTS AND METHODS FOR THE
TITLE OF INVENTION: USEFUL FOR DETECTING DISEASES OF THE GASTROINTESTINAL
TRACT
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/049,698
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/828,856
FILING DATE: 31-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 6068.US.PI

```
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-049-698-29

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1109 CCCCTGACATCCTCTTG 1126
Db 18 CCCCTGACCTTCTACTTG 1

RESULT 846
US-09-561-497-70/c
; Sequence 70, Application US/09561497
; Patent No. 6372433
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
; FILE REFERENCE: RTS-0149
; CURRENT APPLICATION NUMBER: US/09/561,497
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-561-497-70

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1197 CCGTCCCTCTTTCGGG 1214
Db 19 CCGTCCCATCCTTGGGG 2

RESULT 847
US-09-702-327-46
; Sequence 46, Application US/09702327
; Patent No. 6426220
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
; FILE REFERENCE: RTS-0097
; CURRENT APPLICATION NUMBER: US/09/702,327
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-327-46

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
```

```
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 377 CTTCAGCCAGTCTCTCG 394
Db 2 CTTATCCCGAGTCTCTCG 19

RESULT 848
US-09-222-938A-82/c
; Sequence 82, Application US/09222938A
; Patent No. 6437108
; GENERAL INFORMATION:
; APPLICANT: Youngman, Philip
; APPLICANT: Fritz, Christian
; APPLICANT: Murphy, Christopher
; APPLICANT: Guzman, Luz-Maria
; TITLE OF INVENTION: ESSENTIAL BACTERIAL GENES AND THEIR USE
; FILE REFERENCE: 07334/060001
; CURRENT APPLICATION NUMBER: US/09/222,938A
; CURRENT FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Streptococcus pneumoniae
US-09-222-938A-82

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1700 ACTCTGCTGCTACTGCT 1717
Db 20 ATTCTGCTGCTTCTTCTG 3

RESULT 849
US-09-780-175-139/c
; Sequence 139, Application US/09780175
; Patent No. 6440738
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
; FILE REFERENCE: RTS-0164
; CURRENT APPLICATION NUMBER: US/09/780,175
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 139
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-175-139

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 45 AGGACCAGCAGTGTGACT 62
Db 19 AGTACCAGCAGGAGACT 2

RESULT 850
US-09-456-773-7/c
; Sequence 7, Application US/09456773
; Patent No. 6441152
; GENERAL INFORMATION:
; APPLICANT: Johansen, Jack T
```

APPLICANT: Hyldig-Nielsen, Jens J
APPLICANT: Pindaca, Mark J
APPLICANT: Coull, James M
TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of
TITLE OF INVENTION: Nucleic Acids Electrostatically Bound To Matrices
FILE REFERENCE: BP9807US
CURRENT APPLICATION NUMBER: US/09/456,773
CURRENT FILING DATE: 1999-12-08
EARLIER APPLICATION NUMBER: 60/111,439
EARLIER FILING DATE: 1998-12-08
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 7
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
OTHER INFORMATION: probe, primer or target
US-09-456-773-7

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 TGCTCAAGGCTCAAC 781
|||||
DB 20 TGCTCAAGGCTCAACC 3

RESULT 851
US-09-499-227-23
Sequence 23, Application US/09499227
Patent No. 644463
GENERAL INFORMATION:
APPLICANT: Tapscott, Stephen J.
APPLICANT: Olson, James M.
TITLE OF INVENTION: Expression of Neurogenic bHLH Genes in Primitive Neuroectoder
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Christensen O'Connor Johnson Kindness PLLC
STREET: 1420 Fifth Avenue, Suite 2800
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101-2347
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/499,227
FILING DATE: 05-August-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/239,238
FILING DATE: 06-May-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US95/05741
FILING DATE: 08-May-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/17532
FILING DATE: 30-October-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/910,973
FILING DATE: 07-August-1997
ATTORNEY/AGENT INFORMATION:
NAME: Sheiness, Diana K.
REGISTRATION NUMBER: 35,356
REFERENCE/DOCKET NUMBER: FHCR-1-12742
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-682-8100; 206-224-0735 (direct)
TELEFAX: 206-225-0779

INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-09-499-227-23

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1665 TCACAGGCGAGCCGCCAA 1682
|||||
DB 2 TCACAGTCAGGCGCCAA 19

RESULT 852
US-09-658-679A-71/c
Sequence 71, Application US/09658679A
Patent No. 644464
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
FILE REFERENCE: RTS-0186
CURRENT APPLICATION NUMBER: US/09/658,679A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 71
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-71

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 503 CTGAGGCTACTGCGAGA 520
|||||
DB 20 CTGAGGACACCTGCAGA 3

RESULT 853
US-09-851-062-43/c
Sequence 43, Application US/09851062
Patent No. 6448081
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
FILE REFERENCE: RTS-0247
CURRENT APPLICATION NUMBER: US/09/851,062
CURRENT FILING DATE: 2001-05-07
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 43
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-43

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1108 CCCCTGACATCGCTT 1125
|||||

Db 20 CTCCTGACATTCTGCGT 3

RESULT 854
US-09-517-467B-344
; Sequence 344, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517.467B
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 344
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-344

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 31 CAGAGGTAGGACGAGGGA 48
||||| |||||||

Db 3 CAGAGTGGCGAGGATGA 20

RESULT 855
US-09-254-322-44
; Sequence 44, Application US/09254322
; Patent No. 6465439
; GENERAL INFORMATION:
; APPLICANT: Nicklin, Paul
; APPLICANT: Phillips, Judith
; APPLICANT: Love, William
; APPLICANT: Hamilton, Karen
; TITLE OF INVENTION: Pharmaceutical Compositions
; FILE REFERENCE: 4-21026/MA 2138/PCT
; CURRENT APPLICATION NUMBER: US/09/254,322
; CURRENT FILING DATE: 1999-03-04
; EARLIER APPLICATION NUMBER: PCT/EP97/04796
; EARLIER FILING DATE: 1997-09-03
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-254-322-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1661 CCCCTCAGGGGAGGCC 1678
||||| |||||||

Db 3 CCCGTCTCAGGCCAGGCC 20

RESULT 856
US-09-164-764-14
; Sequence 14, Application US/09164764
; Patent No. 6479234

GENERAL INFORMATION:
APPLICANT: SIDRANSKY, DAVID
TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/164,764
FILING DATE: 01-Oct-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/854,727
FILING DATE: 12-MAY-1997
APPLICATION NUMBER: 08/299,477
FILING DATE: 31-AUG-1994
APPLICATION NUMBER: <Unknown>
FILING DATE: August 31, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin, Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: PD-3485
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-164-764-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 575 GTGTCAGCCCTATCTGAGA 592
||||| |||||||

Db 1 GTGTCAGAGGATCTGAGA 18

RESULT 857
US-09-164-764-34/c
; Sequence 34, Application US/09164764
; Patent No. 6479234
; GENERAL INFORMATION:
; APPLICANT: SIDRANSKY, DAVID
; TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: CA

COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/164,764
FILING DATE: 01-Oct-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/854,727
FILING DATE: 12-MAY-1997
APPLICATION NUMBER: 08/299,477
FILING DATE: 31-AUG-1994
APPLICATION NUMBER: <Unknown>
FILING DATE: August 31, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Tumatkin, Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: PD-3485
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-09-164-764-34

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592
||||| |||||
Db 20 GTGTCAGAGGATCTGAGA 3

RESULT 858
US-09-920-668-37
; Sequence 37, Application US/09920668
; Patent No. 6482644
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 8 EXPRESSION
; FILE REFERENCE: RTS-0246
; CURRENT APPLICATION NUMBER: US/09/920,668
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-668-37

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCCG 572
||||| ||||| |||||
Db 1 CCTCAGCGCGCGCTCCG 18
RESULT 859
US-08-961-309-39
; Sequence 39, Application US/08961309
; Patent No. 6495137
; GENERAL INFORMATION:
; APPLICANT: Mezes, Peter S.
; APPLICANT: Richardson, Ruth A.
; APPLICANT: Johnson, Kimberly S.
; APPLICANT: Schlom, Jeffrey
; APPLICANT: Kashmiri, Syed V.S.
; APPLICANT: Shu, Liming
; APPLICANT: Padlan, Eduardo A.
; TITLE OF INVENTION: Composite Antibodies of Humanized Human Subgroup IV Light Chain
; TITLE OF INVENTION: Capable of Binding to TAG-72
; FILE REFERENCE: 37777E
; CURRENT APPLICATION NUMBER: US/08/961,309
; CURRENT FILING DATE: 1997-10-30
; EARLIER APPLICATION NUMBER: US 60/030,173
; EARLIER FILING DATE: 1996-10-31
; EARLIER APPLICATION NUMBER: US 08/261,354
; EARLIER FILING DATE: 1994-06-16
; EARLIER APPLICATION NUMBER: US 07/964,536
; EARLIER FILING DATE: 1992-10-20
; EARLIER APPLICATION NUMBER: US 07/510,697
; EARLIER FILING DATE: 1990-07-17
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: Microsoft Word 97 SR-2
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Primer 3 VL, noncoding
; LOCATION: 1...20
; OTHER INFORMATION: Reverse oligonucleotide primer for generating DNA encoding a
; OTHER INFORMATION: humanized VL
US-08-961-309-39

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1335 AGCCGAGCGCCCTTTTGAG 1352
||||| ||||| |||||
Db 1 AGCCGCGCGCGCTTTTCAG 18

RESULT 860
US-08-388-852B-29/c
; Sequence 29, Application US/08388852B
; Patent No. 6500919
; GENERAL INFORMATION:
; APPLICANT: Adema, Gosse Jan; Figdor, Carl Gustav.
; TITLE OF INVENTION: Melanoma associated antigenic polypeptide,
; TITLE OF INVENTION: epitopes thereof and vaccine against melanoma.
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Adema, Gosse Jan; Figdor, Carl Gustav
; STREET: Philips van Leydenlaan 25
; CITY: Nijmegen
; STATE: Brabant
; COUNTRY: the Netherlands
; ZIP: 6525 EX
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,852B
; FILING DATE: February 15, 1995
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-388-852B-29

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 314 GCTCTGCACACAGATTG 331
| | | | | | | | | | | | | | | | | |
Db 20 GTTCTGCACCATAGTCTG 3

RESULT 861

US-09-422-978-5836/c
; Sequence 5836, Application US/09422978
; Patent No. 6537751

; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET 020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 5836

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..20

; OTHER INFORMATION: upstream amplification primer 99-7212 for SEQ 1902,

US-09-422-978-5836

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1525 ATTCAATTACATAGGAG 1542
| | | | | | | | | | | | | | | | | |
Db 19 ATTCAATTACATAGGAG 2

RESULT 862

US-09-422-978-8572/c
; Sequence 8572, Application US/09422978
; Patent No. 6537751

; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET 020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8572
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-1664 for SEQ 707, in complement
US-09-422-978-8572

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1302 GGAGTTCAGACATACAA 1319
| | | | | | | | | | | | | | | | | |
Db 20 GGAGATAGACATACAA 3

RESULT 863

US-10-025-139-44

; Sequence 44, Application US/10025139
; Patent No. 6537973

; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank

; APPLICANT: Dean, Nicholas M.

; APPLICANT: Holmlund, Jon T.

; APPLICANT: Dorr, F. Andrew

; TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C

; FILE REFERENCE: ISIS4954

; CURRENT APPLICATION NUMBER: US/10/025,139

; CURRENT FILING DATE: 2001-12-18

; PRIOR APPLICATION NUMBER: US 08/829,637

; PRIOR FILING DATE: 1997-03-31

; PRIOR APPLICATION NUMBER: US 08/478,178

; PRIOR FILING DATE: 1995-06-07

; PRIOR APPLICATION NUMBER: US 08/089,996

; PRIOR FILING DATE: 1993-07-09

; PRIOR APPLICATION NUMBER: US 07/852,852

; PRIOR FILING DATE: 1992-03-16

; NUMBER OF SEQ ID NOS: 121

; SOFTWARE: Patentin version 3.1

; SEQ ID NO 44

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-025-139-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCCTCACAGGGCAGCCC 1678
| | | | | | | | | | | | | | | | | |
Db 3 CCCGTCTCAGGCCAGCCC 20

RESULT 864

US-09-198-452A-3591/c

; Sequence 3591, Application US/09198452A

; Patent No. 6559294

; GENERAL INFORMATION:
; APPLICANT: Griflais, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments


```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-843-376-22

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 79 GGGCCCCGGCGCTCTGAG 96
    ||||| ||||| |||||
Db 18 GGGCACCGCGGATCTGGG 1

RESULT 870
US-09-780-045-101
; Sequence 101, Application US/09780045
; Patent No. 6602713
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT B
; FILE REFERENCE: RTS-0130
; CURRENT APPLICATION NUMBER: US/09/780,045
; CURRENT FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-045-101

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1630 CCCAGCAGCGCGCGCTG 1647
    ||||| ||||| |||||
Db 3 CCCAGCGGGCGCGCGCG 20

RESULT 871
US-09-307-106-20/c
; Sequence 20, Application US/09307106
; Patent No. 6603063
; GENERAL INFORMATION:
; APPLICANT: Feitelson, Jerald S.
; APPLICANT: Schnepf, H. Ernest
; APPLICANT: Narva, Kenneth E.
; APPLICANT: Stockhoff, Brian A.
; APPLICANT: Schmeits, James
; APPLICANT: Loewer, David
; APPLICANT: Dullum, Charles Joseph
; APPLICANT: Muller-Cohn, Judy
; APPLICANT: Stamp, Lisa
; APPLICANT: Morrill, George
; APPLICANT: Finstad-Lee, Stacey
; TITLE OF INVENTION: No. 6603063el Pesticidal Toxins and Nucleotide
; TITLE OF INVENTION: Sequences Which Encode These Toxins
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: US
; ZIP: 32606-6669
; COMPUTER READABLE FORM:
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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/307,106
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,848
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/960,780
; FILING DATE: 30-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/073,898
; FILING DATE: 05-MAY-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Sanders, Jay M.
; REGISTRATION NUMBER: 39,355
; REFERENCE/DOCKET NUMBER: MA-708C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-307-106-20

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1229 AACAGCTACACTTCCTCT 1245
    ||||| ||||| |||||
Db 19 AACAGCTACTCTTCCTTT 2

RESULT 872
US-09-307-106-27
; Sequence 27, Application US/09307106
; Patent No. 6603063
; GENERAL INFORMATION:
; APPLICANT: Feitelson, Jerald S.
; APPLICANT: Schnepf, H. Ernest
; APPLICANT: Narva, Kenneth E.
; APPLICANT: Stockhoff, Brian A.
; APPLICANT: Schmeits, James
; APPLICANT: Loewer, David
; APPLICANT: Dullum, Charles Joseph
; APPLICANT: Muller-Cohn, Judy
; APPLICANT: Stamp, Lisa
; APPLICANT: Morrill, George
; APPLICANT: Finstad-Lee, Stacey
; TITLE OF INVENTION: No. 6603063el Pesticidal Toxins and Nucleotide
; TITLE OF INVENTION: Sequences Which Encode These Toxins
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: US
; ZIP: 32606-6669
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/307,106
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,848
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/960,780
; FILING DATE: 30-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/073,898
; FILING DATE: 05-MAY-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Sanders, Jay M.
; REGISTRATION NUMBER: 39,355
; REFERENCE/DOCKET NUMBER: MA-708C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-307-106-27

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1229 AACAGCTACTCTTCCT 1246
|||||
DB 2 AACAGCTACTCTTCCTTT 19

RESULT 873
US-09-723-368-5
; Sequence 5, Application US/09723368
; Patent No. 6641818
; GENERAL INFORMATION:
; APPLICANT: NORTHWESTERN UNIVERSITY
; APPLICANT: SPEAR, Patricia G.
; APPLICANT: WARNER, Morgyn S.
; APPLICANT: GERAGHTY, Robert G.
; APPLICANT: MARTINEZ, Wanda M.
; APPLICANT: MONTGOMERY, Rebecca I.
; APPLICANT: COHEN, Gary H.
; APPLICANT: EISENBERG, Roselyn J.
; APPLICANT: WHITEBECK, Charles J.
; APPLICANT: KRUMMENACHER, Claude
; APPLICANT: UNIVERSITY OF PENNSYLVANIA
; TITLE OF INVENTION: CELLULAR PROTEINS WHICH MEDIATE HERPESVIRUS ENTRY
; FILE REFERENCE: 200290.0050/201
; CURRENT APPLICATION NUMBER: US/09/723,368
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: U.S. 60/087,862
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: PCT/US99/12235
; PRIOR FILING DATE: 1999-06-02
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer PRR2A8
US-09-723-368-5

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 38 AGGACGAGGACCCAGCAG 55
|||||
DB 3 AAGCAGCAGCACCAGCAG 20

RESULT 874
US-09-860-473-46
; Sequence 46, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-46

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 331 GTGCACGAGGACTTGAAG 348
|||||
DB 1 GTGCCGAGGAGTTGAAG 18

RESULT 875
US-09-860-473-93/c
; Sequence 93, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-93

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1023 CAAGCTGGCTGACTTTGG 1040
|||||
DB 19 CAAAGTGCCGACTTTGG 2

RESULT 876
US-09-860-473-155/c
; Sequence 155, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 155
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-155

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 454 ACTGAGGACATCAACAAG 471
||| ||| ||| ||| ||| |||
Db 19 ACAGAGTACATGAACAAG 2

RESULT 877

US-09-850-351A-70/c
; Sequence 70, Application US/09850351A
; Patent No. 6656908
; GENERAL INFORMATION:

APPLICANT: Feitelson, Jerald S.
; Schnepf, H. Ernest
; Narva, Kenneth E.
; Stockhoff, Brian A.
; Schmeits, James
; Loewer, David
; Dullum, Charles Joseph
; Muller-Cohn, Judy
; Stamp, Lisa
; Morrill, George

TITLE OF INVENTION: No. 6656908el Pesticidal Toxins and Nucleotide
Sequences Which Encode These Toxins

NUMBER OF SEQUENCES: 144

CORRESPONDENCE ADDRESS:

ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: FL
COUNTRY: US

ZIP: 32606-6669

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/850,351A
FILING DATE: 07-May-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 09/073,898
FILING DATE: 06-MAY-1998
APPLICATION NUMBER: US 08/960,780
FILING DATE: 30-OCT-1997
APPLICATION NUMBER: US 60/029,848
FILING DATE: 30-OCT-1996

ATTORNEY/AGENT INFORMATION:

NAME: Sanders, Jay M.
REGISTRATION NUMBER: 39,355
REFERENCE/DOCKET NUMBER: MA-708CD1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352-375-8100
TELEFAX: 352-372-5800

INFORMATION FOR SEQ ID NO: 70:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 70:
US-09-850-351A-70

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1229 AACAGCTACACTTCATCT 1246
||||| ||| ||| ||| |||
Db 19 AACAGCTACTTCTCTTT 2

RESULT 878

US-09-850-351A-116
; Sequence 116, Application US/09850351A
; Patent No. 6656908
; GENERAL INFORMATION:

APPLICANT: Feitelson, Jerald S.
; Schnepf, H. Ernest
; Narva, Kenneth E.
; Stockhoff, Brian A.
; Schmeits, James
; Loewer, David
; Dullum, Charles Joseph
; Muller-Cohn, Judy
; Stamp, Lisa
; Morrill, George

TITLE OF INVENTION: No. 6656908el Pesticidal Toxins and Nucleotide
Sequences Which Encode These Toxins

NUMBER OF SEQUENCES: 144

CORRESPONDENCE ADDRESS:

ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: FL
COUNTRY: US

ZIP: 32606-6669

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/850,351A
FILING DATE: 07-May-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 09/073,898
FILING DATE: 06-MAY-1998
APPLICATION NUMBER: US 08/960,780
FILING DATE: 30-OCT-1997
APPLICATION NUMBER: US 60/029,848
FILING DATE: 30-OCT-1996

ATTORNEY/AGENT INFORMATION:

NAME: Sanders, Jay M.
REGISTRATION NUMBER: 39,355
REFERENCE/DOCKET NUMBER: MA-708CD1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352-375-8100
TELEFAX: 352-372-5800

INFORMATION FOR SEQ ID NO: 116:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 116:

US-09-850-351A-116

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1229 AACAGCTACACTTCATCT 1246
|||||
Db 2 AACAGCTACTCTTCCTTT 19

RESULT 879

US-09-747-391-169

; Sequence 169, Application US/09747391

; Patent No. 6670124

; GENERAL INFORMATION:

; APPLICANT: Chow, Robert

; APPLICANT: Tonai, Richard

; APPLICANT: StemCyt, Inc.

; TITLE OF INVENTION: High Throughput Methods of HLA Typing

; FILE REFERENCE: 020035-000210US

; CURRENT APPLICATION NUMBER: US/09/747,391

; CURRENT FILING DATE: 2001-07-13

; PRIOR APPLICATION NUMBER: US 60/172,768

; PRIOR FILING DATE: 1999-12-20

; NUMBER OF SEQ ID NOS: 278

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 169

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-747-391-169

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 75.0%; Pred. No. 5.7e+02;

Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1427 TCTCGCAGAGATCCCATG 1446
|||:|||||

Db 1 TCCYCGCAGAGATTTCGTG 20
|||

RESULT 880

US-09-980-052-25/c

; Sequence 25, Application US/09980052

; Patent No. 6670130

; GENERAL INFORMATION:

; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.

; APPLICANT: KIM, Cheol Min

; APPLICANT: PARK, Hee Kyung

; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria

; FILE REFERENCE: PP05020/PCT

; CURRENT APPLICATION NUMBER: US/09/980,052

; CURRENT FILING DATE: 2001-11-28

; PRIOR APPLICATION NUMBER: KR 10-1999-0019631

; PRIOR FILING DATE: 1999-05-29

; PRIOR APPLICATION NUMBER: KR 10-1999-0019632

; PRIOR FILING DATE: 1999-05-29

; PRIOR APPLICATION NUMBER: KR 10-1999-0019633

; PRIOR FILING DATE: 1999-05-29

; PRIOR APPLICATION NUMBER: KR 10-1999-0019634

; PRIOR FILING DATE: 1999-05-29

; PRIOR APPLICATION NUMBER: KR 10-1999-0019635

; PRIOR FILING DATE: 1999-05-29

; PRIOR APPLICATION NUMBER: KR 10-2000-0018189

; PRIOR FILING DATE: 2000-04-07

; NUMBER OF SEQ ID NOS: 243

; SOFTWARE: KopatentIn 1.71

; SEQ ID NO 25

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium avium

; OTHER INFORMATION: complex (MAC)

US-09-980-052-25

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.7e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1644 GCTGGAGGGATGCCACAC 1661
|||||

Db 18 GATGAGGGACTCCACAC 1
|||||

RESULT 881

US-09-980-052-81/c

; Sequence 81, Application US/09980052

; Patent No. 6670130

; GENERAL INFORMATION:

; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.

; APPLICANT: KIM, Cheol Min

; APPLICANT: PARK, Hee Kyung

; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria

; FILE REFERENCE: PP05020/PCT

; CURRENT APPLICATION NUMBER: US/09/980,052

; CURRENT FILING DATE: 2001-11-28

; PRIOR APPLICATION NUMBER: KR 10-1999-0019631

; PRIOR FILING DATE: 1999-05-29

; PRIOR APPLICATION NUMBER: KR 10-1999-0019632

; PRIOR FILING DATE: 1999-05-29

; PRIOR APPLICATION NUMBER: KR 10-1999-0019633

; PRIOR FILING DATE: 1999-05-29

; PRIOR APPLICATION NUMBER: KR 10-1999-0019634

; PRIOR FILING DATE: 1999-05-29

; PRIOR APPLICATION NUMBER: KR 10-1999-0019635

; PRIOR FILING DATE: 1999-05-29

; PRIOR APPLICATION NUMBER: KR 10-2000-0018189

; PRIOR FILING DATE: 2000-04-07

; NUMBER OF SEQ ID NOS: 243

; SOFTWARE: KopatentIn 1.71

; SEQ ID NO 81

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae

US-09-980-052-81

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.7e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 425 TCGCAACCATCCCCCACC 442
|||||

Db 18 TGTGACCCAGCCCCCACC 1
|||||

RESULT 882

US-10-055-412B-23

; Sequence 23, Application US/10055412B

; Patent No. 6692939

; GENERAL INFORMATION:

; APPLICANT: Pauli, Benedicht U.

; TITLE OF INVENTION: Nucleotide Sequences Encoding Mammalian Calcium

; TITLE OF INVENTION: Activated Chloride Channel-Adhesion Molecules

; FILE REFERENCE: 18617.0058

; CURRENT APPLICATION NUMBER: US/10/055,412B

; CURRENT FILING DATE: 2001-10-29

; PRIOR APPLICATION NUMBER: US/09/193,562

; PRIOR FILING DATE: 1998-11-17

; PRIOR APPLICATION NUMBER: US/60/065,922

; PRIOR FILING DATE: 1997-11-17

; NUMBER OF SEQ ID NOS: 47

; SEQ ID NO 23

; LENGTH: 20

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Amplification primer
US-10-055-412B-23

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 211 CAGATAGCCTGGATGAG 228
    |||||
Db 3 CAGACAGGCTGTATGAG 20

RESULT 883
US-10-011-119A-7/c
; Sequence 7, Application US/10011119A
; Patent No. 6706499
; GENERAL INFORMATION:
; APPLICANT: Manesson, Per
; APPLICANT: Lundin, Tomas
; TITLE OF INVENTION: DNA-EMBEDDING MEDIUM AND METHOD OF USE
; FILE REFERENCE: P/2432-45
; CURRENT APPLICATION NUMBER: US/10/011,119A
; CURRENT FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: 09/605,611
; PRIOR FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Construct
US-10-011-119A-7

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 512 ACCTGGAGAGCTGACCC 529
    |||||
Db 19 ACCGCGAGAGATGACCC 2

RESULT 884
US-09-578-921A-4/c
; Sequence 4, Application US/09578921A
; Patent No. 6713618
; GENERAL INFORMATION:
; APPLICANT: YANAI, Yoshiaki
; APPLICANT: ARIYASU, Harumi
; APPLICANT: OHTA, Tsunetaka
; APPLICANT: KURIMOTO, Masashi
; TITLE OF INVENTION: DNA WHICH ENCODES TREHALASE AND USES THEREOF
; FILE REFERENCE: YANAI=1
; CURRENT APPLICATION NUMBER: US/09/578,921A
; CURRENT FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: JP 147284/1999
; PRIOR FILING DATE: 1999-05-26
; NUMBER OF SEQ ID NOS: 14
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Designed oligonucleotide based on conserved nucleotide sequences
; OTHER INFORMATION: in cDNAs for human and rat trehalase
US-09-578-921A-4
```

```
Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1481 TCCACAAACTTCGTGACA 1498
    |||||
Db 20 TCCACAAACTCTGTGTCA 3

RESULT 885
US-08-469-630-10/c
; Sequence 10, Application US/08469630
; Patent No. 6730777
; GENERAL INFORMATION:
; APPLICANT: Tsui, Lap-Chee
; APPLICANT: Riordan, John R.
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Kerem, Bat-Sheva
; APPLICANT: Collins, Francis S.
; APPLICANT: Iannuzzi, Michael C.
; APPLICANT: Drumm, Mitchell L.
; APPLICANT: Buckwald, Manuel
; TITLE OF INVENTION: Cystic Fibrosis Gene
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,630
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 1329.0010005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-2600
; TELEFAX: 202-371-2540
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-469-630-10

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 705 GGAGATCAGACTCGAACA 722
    |||||
Db 19 GGAGAGCAAACTGTGTCA 2

RESULT 886
US-08-469-630-12
; Sequence 12, Application US/08469630
; Patent No. 6730777
; GENERAL INFORMATION:
; APPLICANT: Tsui, Lap-Chee
; APPLICANT: Riordan, John R.
; APPLICANT: Rommens, Johanna M.
```


ENHANCED BIOSTABILITY AND ALTERED BIODISTRIBUTION OF OLIGONUCLEOTIDES IN MAMMALS

NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
and No. 6753423ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/546,596A

FILING DATE: 10-Apr-2000

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Lucchi, Joseph

REGISTRATION NUMBER: 33,307

REFERENCE/DOCKET NUMBER: ISIS-2707

TELECOMMUNICATION INFORMATION:

TELEPHONE: 215-568-3100

TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 52:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

SEQUENCE DESCRIPTION: SEQ ID NO: 52:

US-09-546-596A-52

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1388 TCCTCACCAGCTGTTGC 1405
|||||
Db 19 TCCTCACCAGCGGCTCC 2

RESULT 890

US-09-895-585-8

Sequence 8, Application US/09895585

Patent No. 6759039

GENERAL INFORMATION:

APPLICANT: Tsang, Wen-Ghih

APPLICANT: Zheng, Tianli

APPLICANT: Huang, Chang Jiang

APPLICANT: AmCyt, Inc.

TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified,

TITLE OF INVENTION: Intermediate Stage of Development

FILE REFERENCE: 021164-000100US

CURRENT APPLICATION NUMBER: US/09/895,585

CURRENT FILING DATE: 2002-12-10

PRIOR APPLICATION NUMBER: US 60/215,634

PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 60/246,306

PRIOR FILING DATE: 2000-11-06

PRIOR APPLICATION NUMBER: US 60/291,787

PRIOR FILING DATE: 2001-05-17

NUMBER OF SEQ ID NOS: 9

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 8

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:insulin LC RED
; OTHER INFORMATION: probe
US-09-895-585-8

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 505 GAGGGCTACCTGGAGAAG 522
|||||
Db 3 GAGGGGTCCCTGCAGAAG 20

RESULT 891

US-09-574-779B-69/c

Sequence 69, Application US/09574779B

Patent No. 6767720

GENERAL INFORMATION:

APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOL

TITLE OF INVENTION: No. 6767720el cDNAs encoding catenin-binding proteins with

TITLE OF INVENTION: function in signalling and/or gene regulation

FILE REFERENCE: 2676-4415US

CURRENT APPLICATION NUMBER: US/09/574,779B

CURRENT FILING DATE: 2000-05-19

PRIOR APPLICATION NUMBER: 99201543.8

PRIOR FILING DATE: 1999-05-17

NUMBER OF SEQ ID NOS: 158

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 69

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: primer FVR160R

US-09-574-779B-69

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 948 CTACTGCCACCGGCAGAA 965
|||||
Db 18 CTACTGCCACCATCTGAA 1

RESULT 892

US-09-917-963-36

Sequence 36, Application US/09917963

Patent No. 6767739

GENERAL INFORMATION:

APPLICANT: Rosanne M. Crooke

APPLICANT: Mark J. Graham

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: ISPH-0591

CURRENT APPLICATION NUMBER: US/09/917,963

CURRENT FILING DATE: 2001-07-30

NUMBER OF SEQ ID NOS: 137

SEQ ID NO 36

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-917-963-36

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 30 GCAGAGGTAGGCAGGAGG 47
|||||
Db 3 GCAGTGTAGCCAGGTGG 20

RESULT 893
US-09-948-909-14
; Sequence 14, Application US/09948909
; Patent No. 6780592
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: METHOD FOR DETECTING CELL
; PROLIFERATION DISORDERS
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/948,909
; FILING DATE: 10-Sep-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/968,733
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/097001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5099
; TELEFAX: 619/678-5070
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-948-909-14
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 575 GTGTCAGCCTATCTGAGA 592
||||| ||||||
Db 1 GTGTCAGAGGATCTGAGA 18
RESULT 894
US-09-948-909-46/c
; Sequence 46, Application US/09948909
; Patent No. 6780592
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: METHOD FOR DETECTING CELL
; PROLIFERATION DISORDERS
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/948,909
FILING DATE: 10-Sep-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/968,733
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/097001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
SEQUENCE DESCRIPTION: SEQ ID NO: 46:
US-09-948-909-46
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 575 GTGTCAGCCTATCTGAGA 592
||||| ||||||
Db 20 GTGTCAGAGGATCTGAGA 3
RESULT 895
US-10-044-671-10
; Sequence 10, Application US/10044671
; Patent No. 6790621
; GENERAL INFORMATION:
; APPLICANT: Washington State University Research Foundation
; APPLICANT: Mealey, Katrina
; APPLICANT: Bentjen, Steven
; TITLE OF INVENTION: MDR1 VARIANTS AND METHODS FOR THEIR USE
; FILE REFERENCE: 4630-61733
; CURRENT APPLICATION NUMBER: US/10/044,671
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/261,578
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: US 60/314,829
; PRIOR FILING DATE: 2001-08-24
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-044-671-10
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 535 AGCCCATCTTTGACAAG 552
||||| ||||||
Db 3 AGCCCATCATTTGCAAG 20
RESULT 896
US-09-492-361-8/c
; Sequence 8, Application US/09492361
; Patent No. 6794161
; GENERAL INFORMATION:

;; APPLICANT: JENTSCH, Thomas J.
;; TITLE OF INVENTION: NOVEL POTASSIUM CHANNELS AND GENES ENCODING THESE
;; FILE REFERENCE: 2815-127P
;; CURRENT APPLICATION NUMBER: US/09/492,361
;; CURRENT FILING DATE: 2000-01-27
;; NUMBER OF SEQ ID NOS: 41
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 8
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-492-361-8

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 243 CGGCAGTGACCTGGAGA 260
Db 20 CGACTCTGACCTGGAGA 3

RESULT 897
PCT-US93-00977-221/c
; Sequence 221, Application PC/TUS9300977
; GENERAL INFORMATION:
; TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 711
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00977
; FILING DATE: 19930129
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006H
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 221:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
PCT-US93-00977-221

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1384 GACCTCTCTCACCAGCTG 1401
Db 18 GACCTTCTCAGCAGCAG 1

RESULT 898
PCT-US93-02213-44
; Sequence 44, Application PC/TUS9302213
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein
; TITLE OF INVENTION: Kinase C
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/02213
; FILING DATE: 19930225
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0872
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
PCT-US93-02213-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCCTCAGCGGCGCC 1678
Db 3 CCCGTCTCAGCGCGCC 20

RESULT 899
PCT-US94-07770-44
; Sequence 44, Application PC/TUS9407770
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and
; APPLICANT: Russell T. Boggs
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein Kinase C
; NUMBER OF SEQUENCES: 119
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb

;; MEDIUM TYPE: STORAGE
;; COMPUTER: IBM PS/2
;; OPERATING SYSTEM: PC-DOS
;; SOFTWARE: WORDPERFECT 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US94/07770
;; FILING DATE: herewith
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 852,852
;; FILING DATE: March 16, 1992
;; APPLICATION NUMBER: 08/089,996
;; FILING DATE: July 9, 1993
;; APPLICATION NUMBER: 08/199,779
;; FILING DATE: February 22, 1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Rebecca Ralph Gaumond
;; REGISTRATION NUMBER: 35,152
;; REFERENCE/DOCKET NUMBER: ISIS-1546
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (215) 568-3100
;; TELEFAX: (215) 568-3439
;; INFORMATION FOR SEQ ID NO: 44:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; ANTI-SENSE: Yes
PCT-US94-07770-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1661 CCCCTCAGGCGCAGCCC 1678
Db 3 CCCGTCAGGCGCAGCCC 20

RESULT 900
PCT-US95-11233-14
; Sequence 14, Application PC/TUS9511233
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/11233
; FILING DATE: 31-AUG-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Ph.D., Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/035001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-678-5070
; TELEFAX: 619-678-5099

;; TELEX:
;; INFORMATION FOR SEQ ID NO: 14:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; FRAGMENT TYPE:
;; ORIGINAL SOURCE:
PCT-US95-11233-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 575 GTGTCAGCCTATCTGAGA 592
Db 1 GTGTCAGGAGTCTGAGA 18

RESULT 901
PCT-US95-11233-34/C
; Sequence 34, Application PC/TUS9511233
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/11233
; FILING DATE: 31-AUG-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Ph.D., Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/035001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-678-5070
; TELEFAX: 619-678-5099
; TELEX:
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
PCT-US95-11233-34

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/192,300
FILING DATE: February 3, 1994
CLASSIFICATION: 535
ATTORNEY/AGENT INFORMATION:
NAME: Denise L. Mayfield
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTSD:327
TELEPHONE: (512) 320-7200
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: Nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: Oligonucleotide
US-08-192-300-6

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 230 GTGGTGGTGGTGG 242
Db 5 GTGGTGGTGGTGG 17
|||||

RESULT 906
US-08-881-450A-15
Sequence 15, Application US/08881450A
Patent No. 6274310
GENERAL INFORMATION:
APPLICANT: Haberer, J.F. and Stoffers, D.A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: PANCREATIC DISEASE
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSER: Banner & Witcoff, Inc.
STREET: One Financial Center
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/881,450A
FILING DATE: June 24, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kathleen M. Williams
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 11275/7823
TELEPHONE: 617-345-9100

TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
FEATURE:
OTHER INFORMATION: Mutant primer for allele-specific
OTHER INFORMATION: Hybridization analysis of lpf-1 gene.
US-08-881-450A-15

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1668 CAGGCGAGCCCC 1680
Db 1 CAGGCGAGCCCC 13
|||||

RESULT 907
US-08-584-040-4302
Sequence 4302, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4302:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-4302

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 4.9e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1701 CTCTCTGCTTACC 1713
|:|:|:|:|:|:|
Db 5 CUCUCUGCCUACC 17

RESULT 908

US-08-584-040-7660
; Sequence 7660, Application US/08584040
; Patent No. 6346398

; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.

; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7660:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-584-040-7660

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 4.9e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1033 GACTTTGGCCTGG 1045
|:|:|:|:|:|:|
Db 5 GACUUGGCCUGG 17

RESULT 909

US-08-584-040-7676

; Sequence 7676, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.

; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7676:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-584-040-7676

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 4.9e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 539 CCATCTTTGACAA 551
|:|:|:|:|:|:|
Db 5 CCAUUCUUGACAA 17

RESULT 910

US-09-371-772B-2069
; Sequence 2069, Application US/09371772B
; Patent No. 6566127

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2069
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2069

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 4.9e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1701 CTCCTGCTGCTACC 1713
||:|:|:|:|:|
Db 5 CUCUCGCCUACC 17

RESULT 911
US-09-371-772B-3449
; Sequence 3449, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3449
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3449

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 4.9e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCGCTGG 1045
||:|:|:|:|:|
Db 5 GACUUGGCCUGG 17

RESULT 912
US-09-371-772B-3461
; Sequence 3461, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3461
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3461

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 4.9e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTTGACAA 551
||:|:|:|:|:|
Db 5 CCAUCUUGACAA 17

RESULT 913
US-09-371-772B-6704
; Sequence 6704, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6704
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6704

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 4.9e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 820 GAGAAAGTCCCTCA 832
||:|:|:|:|:|
Db 1 GAGAAAGUCCUCA 13

RESULT 914
US-09-371-772B-6819
; Sequence 6819, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974


```
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6819
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6819

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 4.9e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1702 TCTCTGCTACCT 1714
Db 1 UCUCUGCCUACCU 13

RESULT 915
US-09-827-998-540
; Sequence 540, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: WdMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 540
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-540

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 287 AACTTCGCTTCTGC 299
Db 5 AACTTCGCTTCTGC 17

RESULT 916
US-08-361-479-29/c
; Sequence 29, Application US/08361479
; Patent No. 5693752
; GENERAL INFORMATION:
; APPLICANT: KATINGER, HERMAN; RUEKER, FLORIAN; HIMMLER,
; APPLICANT: GOTTFRIED; MUSTER, THOMAS; TRKOLA, ALEXANDRA; PURTSCHER, MARTIN; MAIWAL
; APPLICANT: GEORG; STREINDL, FRANZ
; TITLE OF INVENTION: PEPTIDES THAT INDUCE ANTIBODIES WHICH
; TITLE OF INVENTION: PEPTIDES THAT INDUCE ANTIBODIES WHICH
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
```

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; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/361,479
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/932,787
; FILING DATE: 29-AUG-1992
; APPLICATION NUMBER: A 987/92
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 366.015
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-661-8000
; TELEFAX: 212-661-8002
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: POLYNUCLEOTIDE
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: HIV-1
; STRAIN:
; INDIVIDUAL ISOLATE: SFL70
; DEVELOPMENTAL STAGE:
; HAPLOTYPE:
; TISSUE TYPE:
; CELL TYPE:
; ORGANELLE:
; FEATURE:
; NAME/KEY:
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION: SEQUENCE FROM GPI60
US-08-361-479-29

Query Match      0.7%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1733 TGCCCACTTGTC 1745
Db 18 TGCCCACTTGTC 6

RESULT 917
US-08-473-576-29/c
; Sequence 29, Application US/08473576
; Patent No. 5756674
; GENERAL INFORMATION:
; APPLICANT: KATINGER, HERMAN; RUEKER, FLORIAN; HIMMLER,
; APPLICANT: GOTTFRIED; MUSTER, THOMAS; TRKOLA, ALEXANDRA; PURTSCHER, MARTIN; MAIWAL
; APPLICANT: GEORG; STREINDL, FRANZ
; TITLE OF INVENTION: PEPTIDES THAT INDUCE ANTIBODIES WHICH
; TITLE OF INVENTION: PEPTIDES THAT INDUCE ANTIBODIES WHICH
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
```

COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,576
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/361,479
FILING DATE: 22-DEC-1994
APPLICATION NUMBER: 07/932,787
FILING DATE: 29-AUG-1992
APPLICATION NUMBER: A 987/92
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 366.015
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-661-8000
TELEFAX: 212-661-8002
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: POLYNUCLEOTIDE
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: HIV-1
STRAIN:
INDIVIDUAL ISOLATE: SF170
DEVELOPMENTAL STAGE:
HAPLOTYPE:
TISSUE TYPE:
CELL TYPE:
CELL LINE:
ORGANELLE:
FEATURE:
NAME/KEY:
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION: SEQUENCE FROM GP160
US-08-473-576-29

Query Match 0.7%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1733 TGCCCACTTGTC 1745
DB 18 TGCCCACTTGTC 6

RESULT 918

US-08-473-576-29/c
Sequence 29, Application US/08473718
Patent No. 586694

GENERAL INFORMATION:
APPLICANT: KATINGER, HERMAN; RUEKER, FLORIAN; HIMMLER,
APPLICANT: GOTTFRIED; MUSTER, THOMAS; TRKOLA, ALEXANDRA; PURTSCHER, MARTIN; MAIWAL
APPLICANT: GEORG; STEINDL, FRANZ
TITLE OF INVENTION: PEPTIDES THAT INDUCE ANTIBODIES WHICH
TITLE OF INVENTION: NEUTRALIZE GENETICALLY DIVERGENT HIV-1 ISOLATES.
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/843,718
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/932,787
FILING DATE: 29-AUG-1992
APPLICATION NUMBER: A 987/92
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 366.015
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-661-8000
TELEFAX: 212-661-8002
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: POLYNUCLEOTIDE
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: HIV-1
STRAIN:
INDIVIDUAL ISOLATE: SF170
DEVELOPMENTAL STAGE:
HAPLOTYPE:
TISSUE TYPE:
CELL TYPE:
CELL LINE:
ORGANELLE:
FEATURE:
NAME/KEY:
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION: SEQUENCE FROM GP160
US-08-843-718-29

Query Match 0.7%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1733 TGCCCACTTGTC 1745
DB 18 TGCCCACTTGTC 6

RESULT 919

US-09-029-213B-20
Sequence 20, Application US/09029213B
Patent No. 6180098

GENERAL INFORMATION:
APPLICANT: CHRISTIAN, Peter D.
TITLE OF INVENTION: RECOMBINANT HELICOVERPA BACULOVIRUSES
TITLE OF INVENTION: EXPRESSING HETEROLOGOUS DNA
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDermott, Will & Emery
STREET: 600 13th Street, NW
CITY: Washington
STATE: District of Columbia
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

```
;
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/029,213B
; FILING DATE: 31-AUG-1998
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Hyosuk Kim
; REGISTRATION NUMBER: 41,425
; REFERENCE/DOCKET NUMBER: 50179-048
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-756-8000
; TELEFAX: 202-756-8087
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-029-213B-20

Query Match          0.7%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1477 CGGATCCACAAAC 1489
Db 5 CGGATCCACAAAC 17

RESULT 920
US-09-155-885A-248/c
; Sequence 248, Application US/09155885A
; Patent No. 6709812
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 248:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
```

```
;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 248:
US-09-155-885A-248

Query Match          0.7%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 890 ACATCATCAACAT 902
Db 14 ACATCATCAACAT 2

RESULT 921
US-09-254-352B-33/c
; Sequence 33, Application US/09254352B
; Patent No. 6365350
; GENERAL INFORMATION:
; APPLICANT: HAYASHIZAKI, Yoshihide
; TITLE OF INVENTION: METHOD OF DNA SEQUENCING
; FILE REFERENCE: 024705-080
; CURRENT APPLICATION NUMBER: US/09/254,352B
; CURRENT FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: PCT/JP98/03039
; PRIOR FILING DATE: 1998-07-06
; PRIOR APPLICATION NUMBER: JP 10-155847
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: JP 9-196478
; PRIOR FILING DATE: 1997-07-07
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: mutant T7 RNA polymerase F644
US-09-254-352B-33

Query Match          0.7%; Score 13; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1100 GGTACCGGCCCCC 1112
Db 18 GGTACCGGCCCCC 6

RESULT 922
US-09-696-791-19
; Sequence 19, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk1 ribozyme binding site
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US-09-696-791-19

Query Match 0.7%; Score 13; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1138 TACTCCACTCAGA 1150
|||||
Db 6 TACTCCACTCAGA 18

RESULT 923

US-08-136-811-15/c
; Sequence 15, Application US/08136811
; Patent No. 5510239
; GENERAL INFORMATION:
; APPLICANT: Baracchini, Jr., Edgardo and Bennett,
; APPLICANT: Clarence Frank
; TITLE OF INVENTION: Oligonucleotide Interference with
; TITLE OF INVENTION: Multidrug Resistance
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/136.811
; FILING DATE: Herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-136-811-15

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 741 CACCGCCATCCGG 753
|||||
Db 14 CACCGCCATCCGG 2

RESULT 924

US-08-495-034-11/c
; Sequence 11, Application US/08495034
; Patent No. 5698443
; GENERAL INFORMATION:
; APPLICANT: HENDERSON, Daniel R
; APPLICANT: SCHUUR, Eric R
; TITLE OF INVENTION: TISSUE SPECIFIC VIRAL VECTORS

; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/495,034
; FILING DATE: 27-JUN-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland Ph.D., Bertram I
; REGISTRATION NUMBER: 20,015
; REFERENCE/DOCKET NUMBER: A-62215/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 494-8700
; TELEFAX: (415) 494-8771
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-495-034-11

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 901 ATGCACACGTGA 913
|||||
Db 17 ATGCACACGTGA 5

RESULT 925

US-08-835-770-15/c
; Sequence 15, Application US/08835770
; Patent No. 5801154
; GENERAL INFORMATION:
; APPLICANT: Edgardo Baracchini, Jr., C. Frank Bennett
; APPLICANT: and Nicholas M. Dean
; TITLE OF INVENTION: Oligonucleotide Modulation of Multidrug
; TITLE OF INVENTION: Resistance-Associated Protein
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/835,770
; FILING DATE: Herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/136,811
; FILING DATE: 10/18/93
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/628,731
FILING DATE: 04/16/96
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0208
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-835-770-15

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 741 CACCGGCATCCGG 753
Db 14 CACCGGCATCCGG 2

RESULT 926

US-08-628-731-15/c
Sequence 15, Application US/08628731
Patent No. 5807838
GENERAL INFORMATION:
APPLICANT: Baracchini, Jr., Edgardo and Bennett,
APPLICANT: Clarence Frank
TITLE OF INVENTION: Oligonucleotide Interference with
TITLE OF INVENTION: Multidrug Resistance
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/628,731
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/136,811
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-628-731-15

Query Match 0.7%; Score 13; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 741 CACCGGCATCCGG 753
Db 14 CACCGGCATCCGG 2

RESULT 927

US-08-757-653-164/c
Sequence 164, Application US/08757653
Patent No. 5843669
GENERAL INFORMATION:
APPLICANT: Kaiser, Michael W.
APPLICANT: Lyamichev, Victor I.
APPLICANT: Lyamichev, Natasha
TITLE OF INVENTION: Cleavage Of Nucleic Acid Using
TITLE OF INVENTION: Thermostable FEN-1 Endonucleases
NUMBER OF SEQUENCES: 190
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,653
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02565
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 164:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-757-653-164

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGTGCGCCGAGG 182
Db 19 GAGTGCGCCGAGG 7

RESULT 928

US-08-669-753-27/c
Sequence 27, Application US/08669753
Patent No. 5871726
GENERAL INFORMATION:
APPLICANT: HENDERSON, Daniel R.
APPLICANT: SCHUR, Eric R.
TITLE OF INVENTION: TISSUE SPECIFIC VIRAL VECTORS
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400

;; CITY: San Francisco
;; STATE: California
;; COUNTRY: USA
;; ZIP: 94111-4187
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/669,753
;; FILING DATE:
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: ROWLAND, Bertram I.
;; REGISTRATION NUMBER: 20,015
;; REFERENCE/DOCKET NUMBER: FP-62215-1-PC/BIR
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 415-494-8700
;; TELEFAX: 415-494-8771
;; TELEX: 910 277299
;; INFORMATION FOR SEQ ID NO: 27:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid
;; DESCRIPTION: /desc = "Primer"
US-08-669-753-27

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 901 ATGCACACGTGA 913
Db 17 ATGCACACGTGA 5

RESULT 929
US-08-743-637B-199
; Sequence 199, Application US/08743637B
; Patent No. 5994066
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: PICARD, Francois J.
; APPLICANT: QUELETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIES-SPECIFIC AND UNIVERSAL DNA
; TITLE OF INVENTION: PROBES AND AMPLIFICATION PRIMERS TO RAPIDLY DETECT AND
; TITLE OF INVENTION: IDENTIFY COMMON BACTERIAL PATHOGENS AND ASSOCIATED
; TITLE OF INVENTION: ANTIBIOTIC RESISTANCE GENES FROM CLINICAL SPECIMENS ...
; NUMBER OF SEQUENCES: 273
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: QUARLES & BRADY
; STREET: 411 EAST WISCONSIN AVENUE
; CITY: MILWAUKEE
; STATE: WISCONSIN
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/743,637B
; FILING DATE: 04-NOV-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/526,840
; FILING DATE: 11-SEP-1995

;; ATTORNEY/AGENT INFORMATION:
;; NAME: BAKER, Jean C.
;; REGISTRATION NUMBER: 35,433
;; REFERENCE/DOCKET NUMBER: 850586.90012
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (414) 277-5000
;; TELEFAX: (414) 277-5591
;; INFORMATION FOR SEQ ID NO: 199:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-08-743-637B-199

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 782 ACGCCACATCGT 794
Db 2 ACGCCACATCGT 14

RESULT 930
US-08-823-516-62/c
; Sequence 62, Application US/08823516
; Patent No. 5994069
; GENERAL INFORMATION:
; APPLICANT: Hall, Jeff G.
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Mast, Andrea L.
; APPLICANT: Brow, Mary Ann D.
; TITLE OF INVENTION: Detection Of Nucleic Acids By Multiple
; TITLE OF INVENTION: Sequential Invasive Cleavages
; NUMBER OF SEQUENCES: 163
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/823,516
; FILING DATE: 24-MAR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US97/01072
; FILING DATE: 21-JAN-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/759,038
; FILING DATE: 02-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/758,314
; FILING DATE: 02-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/756,386
; FILING DATE: 29-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/682,853
; FILING DATE: 12-JUL-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/599,491
; FILING DATE: 24-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.

```
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02736
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8336
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-823-516-62
```

```
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 170 GAGGTGGCCGAGG 182
Db |||||
```

RESULT 931

```
US-09-289-267-68
; Sequence 68, Application US/09289267A
; Patent No. 6046320
```

```
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MDMX EXPRESSION
; FILE REFERENCE: RTS-0049
; CURRENT APPLICATION NUMBER: US/09/289,267A
; CURRENT FILING DATE: 1999-04-04
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-267-68
```

```
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1575 AGGAGGCCAGCT 1587
Db |||||
```

RESULT 932

```
US-09-018-034-1
; Sequence 1, Application US/09018034
; Patent No. 6066625
```

```
; GENERAL INFORMATION:
; APPLICANT: MACLEOD, Robert
; TITLE OF INVENTION: OPTIMIZED ANTISENSE OLIGONUCLEOTIDES
; TITLE OF INVENTION: COMPLEMENTARY TO DNA METHYLTRANSFERASE SEQUENCES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HALE AND DORR LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: United States of America
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/018,034
; FILING DATE: 03-FEB-1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Wayne A. Keown, Ph.D.
; REGISTRATION NUMBER: 33,923
; REFERENCE/DOCKET NUMBER: 106.101.191
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
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; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/018,034
; FILING DATE: 03-FEB-1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Wayne A. Keown, Ph.D.
; REGISTRATION NUMBER: 33,923
; REFERENCE/DOCKET NUMBER: 106.101.191
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-018-034-1
```

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Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 84.6%; Pred. No. 6.4e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 505 GAGGGCTACTGG 517
Db |||||
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RESULT 933

```
US-09-018-034-8/c
; Sequence 8, Application US/09018034
; Patent No. 6066625
```

```
; GENERAL INFORMATION:
; APPLICANT: MACLEOD, Robert
; TITLE OF INVENTION: OPTIMIZED ANTISENSE OLIGONUCLEOTIDES
; TITLE OF INVENTION: COMPLEMENTARY TO DNA METHYLTRANSFERASE SEQUENCES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HALE AND DORR LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: United States of America
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/018,034
; FILING DATE: 03-FEB-1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Wayne A. Keown, Ph.D.
; REGISTRATION NUMBER: 33,923
; REFERENCE/DOCKET NUMBER: 106.101.191
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 526-6000
; TELEFAX: (617) 526-5000
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
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US-09-018-034-8

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 505 GAGGCTACCTGG 517
|||||
DB 13 GAGGCTACCTGG 1

RESULT 934

US-09-018-034-15/c
; Sequence 15, Application US/09018034
; Patent No. 606625
; GENERAL INFORMATION:
; APPLICANT: MACLEOD, Robert
; TITLE OF INVENTION: OPTIMIZED ANTISENSE OLIGONUCLEOTIDES
; TITLE OF INVENTION: COMPLEMENTARY TO DNA METHYLTRANSFERASE SEQUENCES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HALE AND DORR LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: United States of America
; ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/018,034
FILING DATE: 03-FEB-1998
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
NAME: Wayne A. Ksown, Ph.D.
REGISTRATION NUMBER: 33,923
REFERENCE/DOCKET NUMBER: 106.101.191
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 526-6000
TELEFAX: (617) 526-5000

INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-018-034-15

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 505 GAGGCTACCTGG 517
|||||
DB 13 GAGGCTACCTGG 1

RESULT 935

US-08-777-266A-66
; Sequence 66, Application US/0877266A
; Patent No. 6077833
; GENERAL INFORMATION:
; APPLICANT: Clarence Frank Bennett
; APPLICANT: Timothy A. Vickers

TITLE OF INVENTION: Oligonucleotide Compositions and
METHODS FOR THE MODULATION OF THE EXPRESSION OF B7 PROTEINS
NUMBER OF SEQUENCES: 125

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/777,266A
FILING DATE: December 31, 1996
CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0201
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 20

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

US-08-777-266A-66

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 595 GCGTTTGGGAAC 607
|||||
DB 1 GCGTTTGGGAAC 13

RESULT 936

US-09-166-186-80/c
; Sequence 80, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:

APPLICANT: Baker, Brenda

APPLICANT: Bennett, C. Frank

APPLICANT: Butler, Madeline M.

APPLICANT: Shanahan, William R.

TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION

FILE REFERENCE: ISPH-0322

CURRENT APPLICATION NUMBER: US/09/166,186A

CURRENT FILING DATE: 1998-10-05

NUMBER OF SEQ ID NOS: 250

SEQ ID NO 80

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: antisense sequence

US-09-166-186-80

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1222 GTGGAGGAACAGC 1234
|||||
DB 20 GTGGAGGAACAGC 8


```
RESULT 937
US-08-759-038-103/c
; Sequence 103, Application US/08759038
; Patent No. 6090543
; GENERAL INFORMATION:
; APPLICANT: Prudent, James R.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Dahlberg, James E.
; TITLE OF INVENTION: Cleavage Of Nucleic Acids
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/759,038
; FILING DATE: 02-DEC-1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/
; FILING DATE: 29-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/682,853
; FILING DATE: 12-JUL-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/599,491
; FILING DATE: 24-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02574
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 103:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-759-038-103

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGGCCGAGG 182
Db 19 GAGGTGGCCGAGG 7

RESULT 938
US-08-758-314-103/c
; Sequence 103, Application US/08758314
; Patent No. 6090606
; GENERAL INFORMATION:
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Lyamichev, Natasha
```

```
; TITLE OF INVENTION: Improved Cleavage Agents
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,314
; FILING DATE: 02-DEC-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/
; FILING DATE: 29-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/682,853
; FILING DATE: 12-JUL-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/599,491
; FILING DATE: 24-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02575
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 103:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-758-314-103

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGGCCGAGG 182
Db 19 GAGGTGGCCGAGG 7

RESULT 939
US-08-817-177-9/c
; Sequence 9, Application US/08817177
; Patent No. 6036314
; GENERAL INFORMATION:
; APPLICANT: COHEN, Irvin R.
; APPLICANT: ELIAS, Dana
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS
; TITLE OF INVENTION: COMPRISING THEM
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark, P.L.L.C.
; STREET: 419 Seventh Street, N. W.
; CITY: Washington
; COUNTRY: US
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
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;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA: US/08/817,177
;; FILING DATE:
;; CLASSIFICATION: 530
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US95/12686
;; FILING DATE: 10-OCTOBER-1995
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: ISRAEL APP. NO. 111,196
;; FILING DATE: 07-OCTOBER-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: BROWDY, Roger L.
;; REGISTRATION NUMBER: 25,618
;; REFERENCE/DOCKET NUMBER: COHEN=27
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (202) 628-5197
;; TELEFAX: (202) 737-3528
;; INFORMATION FOR SEQ ID NO: 9:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
US-08-817-177-9

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 989 CCCAGACCTGCT 1001
Db 17 CCCAGACCTGCT 5

RESULT 940

US-09-428-696-49/c
; Sequence 49, Application US/09428696
; Patent No. 6165789
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF HNRNP A1 EXPRESSION
; FILE REFERENCE: RGS-0111
; CURRENT APPLICATION NUMBER: US/09/428,696
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-696-49

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 230 GTGGTGGTGGTGG 242
Db 16 GTGGTGGTGGTGG 4

RESULT 941

US-09-226-012-47/c
; Sequence 47, Application US/09226012
; Patent No. 6207383
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT

;; TITLE OF INVENTION: SYNDROME GENE
;; FILE REFERENCE: 2323-136
;; CURRENT APPLICATION NUMBER: US/09/226,012
;; CURRENT FILING DATE: 1999-01-06
;; EARLIER APPLICATION NUMBER: 09/122,847
;; EARLIER FILING DATE: 1998-07-27
;; NUMBER OF SEQ ID NOS: 116
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 47
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-226-012-47

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 828 CCTCACCTTGTC 840
Db 16 CCTCACCTTGTC 4

RESULT 942

US-09-313-932-80/c
; Sequence 80, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-80

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1222 GTGGAGGACAGC 1234
Db 20 GTGGAGGACAGC 8

RESULT 943

US-09-326-186B-66
; Sequence 66, Application US/09326186B
; Patent No. 6319306
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE: ISPH-0376
; CURRENT APPLICATION NUMBER: US/09/326,186B
; CURRENT FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 226
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 66
; LENGTH: 20

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-326-186B-66

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 595 GGCTTTGGGAAC 607
    |||||
Db 1 GGCTTTGGGAAC 13

RESULT 944
US-09-732-199A-19/c
; Sequence 19, Application US/09732199A
; Patent No. 6379960
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 2, P4
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0214
; CURRENT APPLICATION NUMBER: US/09/732,199A
; CURRENT FILING DATE: 2000-12-06
; NUMBER OF SEQ ID NOS: 57
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-732-199A-19

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1283 CAGGCATCCTGTC 1295
    |||||
Db 13 CAGGCATCCTGTC 1

RESULT 945
US-09-575-506-1
; Sequence 1, Application US/09575506
; Patent No. 6506735
; GENERAL INFORMATION:
; APPLICANT: MacLeod, A. Robert
; TITLE OF INVENTION: Optimized Antisense Oligonucleotides Complementary to DNA
; FILE REFERENCE: 106101.191DIV
; CURRENT APPLICATION NUMBER: US/09/575,506
; CURRENT FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 09/018,034
; PRIOR FILING DATE: 1998-02-03
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: DNA Metase RNA complementary oligonucleotides
US-09-575-506-1

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 84.6%; Pred. No. 6.4e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 505 GAGGGCTACCTGG 517
    |||||
Db 8 GAGGGCUACCTGG 20
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```
RESULT 946
US-09-575-506-8/c
; Sequence 8, Application US/09575506
; Patent No. 6506735
; GENERAL INFORMATION:
; APPLICANT: MacLeod, A. Robert
; TITLE OF INVENTION: Optimized Antisense Oligonucleotides Complementary to DNA
; TITLE OF INVENTION: Methyltransferase Sequences
; FILE REFERENCE: 106101.191DIV
; CURRENT APPLICATION NUMBER: US/09/575,506
; CURRENT FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 09/018,034
; PRIOR FILING DATE: 1998-02-03
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: DNA Metase RNA complementary oligonucleotides
US-09-575-506-8

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 505 GAGGGCTACCTGG 517
    |||||
Db 13 GAGGGCTACCTGG 1

RESULT 947
US-09-575-506-15/c
; Sequence 15, Application US/09575506
; Patent No. 6506735
; GENERAL INFORMATION:
; APPLICANT: MacLeod, A. Robert
; TITLE OF INVENTION: Optimized Antisense Oligonucleotides Complementary to DNA
; TITLE OF INVENTION: Methyltransferase Sequences
; FILE REFERENCE: 106101.191DIV
; CURRENT APPLICATION NUMBER: US/09/575,506
; CURRENT FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 09/018,034
; PRIOR FILING DATE: 1998-02-03
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: DNA Metase RNA complementary oligonucleotides
US-09-575-506-15

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 505 GAGGGCTACCTGG 517
    |||||
Db 13 GAGGGCTACCTGG 1

RESULT 948
US-09-684-938-103/c
; Sequence 103, Application US/09684938
; Patent No. 6555357
; GENERAL INFORMATION:
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Lyamichev, Natasha
; TITLE OF INVENTION: Improved Cleavage Agents
; FILE REFERENCE: FORS-03755
; CURRENT APPLICATION NUMBER: US/09/684,938
```

```
; CURRENT FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: 09/308,825
; PRIOR FILING DATE: 1999-05-25
; PRIOR APPLICATION NUMBER: 08/757,653
; PRIOR FILING DATE: 1996-11-29
; PRIOR APPLICATION NUMBER: 08/758,314
; PRIOR FILING DATE: 1996-12-02
; PRIOR APPLICATION NUMBER: PCT/US97/21783
; PRIOR FILING DATE: 1997-11-29
; NUMBER OF SEQ ID NOS: 188
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-684-938-103

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGGCGGAGG 1281
Db 19 GAGGTGGCGGAGG 7

RESULT 949
US-09-198-452A-3020/c
; Sequence 3020, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3020
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3020

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 TGAGGAGACGTGG 1281
Db 13 TGAGGAGACGTGG 1

RESULT 950
US-09-198-452A-3023/c
; Sequence 3023, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3023
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
```

```
US-09-198-452A-3023

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 TGAGGAGACGTGG 1281
Db 13 TGAGGAGACGTGG 1

RESULT 951
US-09-308-825A-103/c
; Sequence 103, Application US/09308825A
; Patent No. 6562611
; GENERAL INFORMATION:
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Lyamichev, Natasha
; TITLE OF INVENTION: Improved Cleavage Agents
; FILE REFERENCE: FORS-03755
; CURRENT APPLICATION NUMBER: US/09/308,825A
; CURRENT FILING DATE: 1999-10-08
; PRIOR APPLICATION NUMBER: 08/757,653
; PRIOR FILING DATE: 1996-11-29
; PRIOR APPLICATION NUMBER: 08/758,314
; PRIOR FILING DATE: 1996-12-02
; PRIOR APPLICATION NUMBER: PCT/US97/21783
; PRIOR FILING DATE: 1997-11-29
; NUMBER OF SEQ ID NOS: 188
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-308-825A-103

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGGCGGAGG 182
Db 19 GAGGTGGCGGAGG 7

RESULT 952
US-09-758-282B-52/c
; Sequence 52, Application US/09758282B
; Patent No. 6635463
; GENERAL INFORMATION:
; APPLICANT: Ma, Wu-Po
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyamicheva, Natalie E.
; APPLICANT: Allawi, Hatim T.
; APPLICANT: Schaefer, James J.
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Enzymes for the Detection of Nucleic Acid Sequences
; FILE REFERENCE: FORS 04931
; CURRENT APPLICATION NUMBER: US/09/758,282B
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 09/577,304
; PRIOR FILING DATE: 2000-05-24
; NUMBER OF SEQ ID NOS: 280
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-282B-52

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 170 GAGGTGGCCGAGG 182
Db 19 GAGGTGGCCGAGG 7

RESULT 953

US-09-151-376-33/c
; Sequence 33, Application US/09151376
; Patent No. 6676935

; GENERAL INFORMATION:
; APPLICANT: Henderson, D.R.

; TITLE OF INVENTION: SCHUUR, E.R.

; FILE REFERENCE: 34802200221

; CURRENT APPLICATION NUMBER: US/09/151,376
; CURRENT FILING DATE: 1998-09-10

; EARLIER APPLICATION NUMBER: 08/669,753
; EARLIER FILING DATE: 1996-06-26

; EARLIER APPLICATION NUMBER: 08/495,034
; EARLIER FILING DATE: 1995-06-27

; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 33
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Unknown

; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: unknown

US-09-151-376-33

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 901 ATGCACACGTGA 913
Db 17 ATGCACACGTGA 5

RESULT 954

US-09-548-797B-70/c
; Sequence 70, Application US/09548797B
; Patent No. 6683165

; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM

; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND

; FILE REFERENCE: 2976-4039

; CURRENT APPLICATION NUMBER: US/09/548,797B
; CURRENT FILING DATE: 2002-11-26

; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13

; NUMBER OF SEQ ID NOS: 170
; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 70
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-548-797B-70

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1255 TTAGGAACCCCAA 1267
Db 17 TTAGGAACCCCAA 5

RESULT 955

US-09-548-797B-117/c

; Sequence 117, Application US/09548797B
; Patent No. 6683165

; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM

; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND

; FILE REFERENCE: 2976-4039

; CURRENT APPLICATION NUMBER: US/09/548,797B
; CURRENT FILING DATE: 2002-11-26

; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13

; NUMBER OF SEQ ID NOS: 170
; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 117
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-548-797B-117

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1255 TTAGGAACCCCAA 1267
Db 17 TTAGGAACCCCAA 5

RESULT 956

US-09-940-244-62/c

; Sequence 62, Application US/09940244
; Patent No. 6692917

; GENERAL INFORMATION:
; APPLICANT: Neri, Bruce P.

; APPLICANT: Hall, Jeff G.

; APPLICANT: Lyamichew, Victor

; APPLICANT: Smith, Lloyd W.

; TITLE OF INVENTION: Reactions on Dendrimers

; FILE REFERENCE: FORS-06478

; CURRENT APPLICATION NUMBER: US/09/940,244
; CURRENT FILING DATE: 2002-05-06

; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 62
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Synthetic

US-09-940-244-62

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 170 GAGGTGGCCGAGG 182
Db 19 GAGGTGGCCGAGG 7

RESULT 957

US-09-577-304A-52/c

; Sequence 52, Application US/09577304A
; Patent No. 6759226

```
; GENERAL INFORMATION:
; APPLICANT: Ma, Wu-Po
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyamicheva, Natalie E.
; APPLICANT: Allawi, Hatim T.
; APPLICANT: Schaefer, James J.
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Improved Enzymes for the Detection of Specific Nucleic
; TITLE OF INVENTION: Acid Sequences
; FILE REFERENCE: FORS-04323
; CURRENT APPLICATION NUMBER: US/09/577,304A
; CURRENT FILING DATE: 2000-05-24
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-09-577-304A-52

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGGCGCAGG 182
Db 19 GAGGTGGCGCAGG 7

RESULT 958
PCT-US95-12686-9/c
; Sequence 9, Application PC/TUS9512686
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS
; TITLE OF INVENTION: COMPRISING THEM
; NUMBER OF SEQUENCES: 16
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/12686
; FILING DATE:
; CLASSIFICATION:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
PCT-US95-12686-9

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 989 CCCAGAACCTGCT 1001
Db 17 CCCAGAACCTGCT 5

RESULT 959
US-09-091-952A-72
; Sequence 72, Application US/09091952A
; Patent No. 6458532
; GENERAL INFORMATION:
; APPLICANT: Detera-Wadleigh, Sevilla D.
```

```
; Gershon, Elliot S.
; Badner, Judith A.
; Goldin, Lynn R.
; Berrettini, Wade H.
; Yoshikawa, Takeo
; Sanders, Alan R.
; Esterling, Lisa E.
; TITLE OF INVENTION: Chromosomal Markers and Diagnostic
; Tests for Manic-Depressive Illness
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,278
; FILING DATE: 28-OCT-1996
; APPLICATION NUMBER: PCT/US97/19381
; FILING DATE: 28-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, Timothy L.
; REGISTRATION NUMBER: 35,367
; REFERENCE/DOCKET NUMBER: 015280-297100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; TELEX: <unknown>
; INFORMATION FOR SEQ ID NO: 72:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1...16
; OTHER INFORMATION: D18S1150 reverse primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 72:
US-09-091-952A-72

Query Match          0.7%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 4.9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1534 CAAAGGAGGCCAGCC 1549
Db 1 CACAAGGATGCCAGCC 16

RESULT 960
US-09-765-400-23
; Sequence 23, Application US/09765400
; Patent No. 6691568
; GENERAL INFORMATION:
; APPLICANT: Ghazal, Peter
; APPLICANT: Huang, Huang
; TITLE OF INVENTION: Generation of Human Cytomegalovirus Yeast Artificial Chromosome
; TITLE OF INVENTION: Recombinants
; FILE REFERENCE: 98,299
; CURRENT APPLICATION NUMBER: US/09/765,400
```



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; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
US-07-752-101A-24

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1296 CAACGAGGAGTTCAAG 1311
    ||||| |||||
Db 16 CAACGAGCAGTTCAGG 1

RESULT 965
US-08-009-263C-29/c
; Sequence 29, Application US/08009263C
; Patent No. 5442049
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
; TITLE OF INVENTION: Oligonucleotides for Modulating the
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5442049ris
; STREET: One Liberty Place -- 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/009,263C
; FILING DATE: January 25, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 927,506
; FILING DATE: No. 5442049ember 19, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0844
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-009-263C-29

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 ATGAAGAAGATCAAC 148
    ||||| |||||
Db 16 AAGAAGAAGAGCAAC 1

RESULT 966
US-08-373-124A-1337

; Sequence 1337, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1337:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-1337

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.4e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 505 GAGGCTACCTGAGA 520
    ||||| |||||
Db 2 GAAGGCUACCGCAGA 17

RESULT 967
US-08-323-443B-6
; Sequence 6, Application US/08323443B
; Patent No. 5654170
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W.
; APPLICANT: LANDES, GREGORY M.
; APPLICANT: BURN, TIMOTHY C.
; APPLICANT: CONNORS, TIMOTHY D.
; APPLICANT: DACKOWSKI, WILLIAM R.
; APPLICANT: GERMINO, GREGORY
```


; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Darby & Darby PC
; STREET: 805 Third Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/323,443B
; FILING DATE: 12-OCT-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, S. Peter
; REGISTRATION NUMBER: 25,351
; REFERENCE/DOCKET NUMBER: 0372/0A462
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 527-7700
; TELEFAX: (212) 753-6237
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; TOPOLOGY: linear
; STRANDEDNESS: single
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PKD1 Reverse Primer 2"
; US-08-323-443B-6

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 CTTTGACAGCCCTC 558
|||||
Db 1 CTTTGACAGCACATC 16

RESULT 968
US-08-435-628-1337
; Sequence 1337, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1337:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-1337

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.4e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 505 GAGGGTACTCGAGA 520
|||||
Db 2 GAAGGCUACCGCAGA 17

RESULT 969
US-08-292-620A-1675
; Sequence 1675, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435

;; PRIOR APPLICATION DATA: including application
;; PRIOR APPLICATION DATA: described below:
;; APPLICATION NUMBER: 08/008,895
;; FILING DATE: January 19, 1993
;; APPLICATION NUMBER: 07/989,849
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/149
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; INFORMATION FOR SEQ ID NO: 1675:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-292-620A-1675

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.4e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1659 CACCCCTCACAGGCA 1674
Db 2 CACCCCTCACAGGCA 17

RESULT 970

US-08-292-620A-1692
; Sequence 1692, Application US/08292620A
; Patent No. 5837542

GENERAL INFORMATION:

;; APPLICANT: Susan Grimm
;; APPLICANT: Dan T. Stinchcomb
;; APPLICANT: James McSwiggen
;; APPLICANT: Sean Sullivan
;; APPLICANT: Kenneth G. Draper
;; TITLE OF INVENTION: RIBOZYME TREATMENT OF
;; DISEASES OR CONDITIONS
;; TITLE OF INVENTION: RELATED TO LEVELS OF
;; TITLE OF INVENTION: INTRACELLULAR ADHESION
;; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
;; NUMBER OF SEQUENCES: 2390
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; STREET: Suite 4700
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/292,620A
;; FILING DATE: August 17, 1994
;; CLASSIFICATION: 435

;; PRIOR APPLICATION DATA: including application
;; PRIOR APPLICATION DATA: described below:
;; APPLICATION NUMBER: 08/008,895
;; FILING DATE: January 19, 1993
;; APPLICATION NUMBER: 07/989,849
;; FILING DATE: December 7, 1992

two

;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/149
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 1692:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-292-620A-1692

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.4e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1659 CACCCCTCACAGGCA 1674
Db 2 CACCCCTCACAGGCA 17

RESULT 971

US-08-292-620A-1973
; Sequence 1973, Application US/08292620A
; Patent No. 5837542

GENERAL INFORMATION:

;; APPLICANT: Susan Grimm
;; APPLICANT: Dan T. Stinchcomb
;; APPLICANT: James McSwiggen
;; APPLICANT: Sean Sullivan
;; APPLICANT: Kenneth G. Draper
;; TITLE OF INVENTION: RIBOZYME TREATMENT OF
;; DISEASES OR CONDITIONS
;; TITLE OF INVENTION: RELATED TO LEVELS OF
;; TITLE OF INVENTION: INTRACELLULAR ADHESION
;; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
;; NUMBER OF SEQUENCES: 2390
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; STREET: Suite 4700
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/292,620A
;; FILING DATE: August 17, 1994
;; CLASSIFICATION: 435

;; PRIOR APPLICATION DATA: including application
;; PRIOR APPLICATION DATA: described below:
;; APPLICATION NUMBER: 08/008,895
;; FILING DATE: January 19, 1993
;; APPLICATION NUMBER: 07/989,849
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/149
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440

two

```
;
;
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1973:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1973

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1659 CACCCCTCAGGCGCA 1674
| | | | | | | | | | | | | | | |
Db 2 CACCCCTCAGGCGCA 17

RESULT 972
US-08-370-156-17
; Sequence 17, Application US/08370156
; Patent No. 5932780
; GENERAL INFORMATION:
; APPLICANT: Soreq, Hermona
; APPLICANT: Zakut, Haim
; APPLICANT: Shani, Moshe
; TITLE OF INVENTION: TRANSGENIC ANIMAL ASSAY SYSTEM FOR
; TITLE OF INVENTION: ANTICHLINSTERASE SUBSTANCES
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reising, Ethington, Barnard & Perry
; STREET: P.O. Box 4390
; CITY: Troy
; STATE: Michigan
; COUNTRY: US
; ZIP: 48099
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/370,156
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,955
; REFERENCE/DOCKET NUMBER: P-307 (Mullford)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 689-3500
; TELEFAX: (810) 689-4071
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-370-156-17

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 370 GACGAGCTTCAGCCA 385
| | | | | | | | | | | | | | | |
Db 1 GCCCAGGCTTCAGCCA 16

RESULT 973
US-08-485-133-14/c
; Sequence 14, Application US/08485133
; Patent No. 5976789
```

```
;
;
; GENERAL INFORMATION:
; APPLICANT: Allibert, Patrice A.
; APPLICANT: Cros, Philippe
; APPLICANT: Mach, Bernard F.
; APPLICANT: Mandrand, Bernard F.
; APPLICANT: Tiercy, Jean-Marie
; TITLE OF INVENTION: SYSTEM OF PROBES ENABLING HLA-DR TYPING
; TITLE OF INVENTION: TO BE PERFORMED, AND TYPING METHOD USING SAID PROBES
; NUMBER OF SEQUENCES: 81
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OLIFF & BERRIDGE
; STREET: P.O. Box 19928
; CITY: Alexandria
; STATE: Virginia
; ZIP: 22320
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,133
; FILING DATE: 7-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/030,143
; FILING DATE: 11-MAR-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 28596A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-485-133-14

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 269 CAGGTGCTGCTCCTGG 284
| | | | | | | | | | | | | | | |
Db 17 CAGGTTCCTCCTCTGG 2

RESULT 974
US-08-654-623-59
; Sequence 59, Application US/08654623
; Patent No. 6010884
; GENERAL INFORMATION:
; APPLICANT: Griffiths, Andrew D
; APPLICANT: Holliger, Kaspar-Philipp
; APPLICANT: Nissim, Abuva
; APPLICANT: Fisch, Igor
; APPLICANT: Winter, Gregory P
; TITLE OF INVENTION: Recombinant Binding Proteins and Peptides
; NUMBER OF SEQUENCES: 71
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

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;
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/654,623
; FILING DATE: 29-MAY-1996
; CLASSIFICATION: 435
; CLASSIFICATION: (C12N 1/21, C12R 1:19)
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9225453.1
; FILING DATE: 04-DEC-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9300816.7
; FILING DATE: 16-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93303614.7
; FILING DATE: 10-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9319969.3
; FILING DATE: 22-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB93/02492
; FILING DATE: 03-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9412147.2
; FILING DATE: 17-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB94/02662
; FILING DATE: 05-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/448,418
; FILING DATE: 02-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: David W. Clough
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 28111/33259
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 474-6300
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid: Oligonucleotide primer
US-08-654-623-59

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 288 ACTTCGTTCTGCACGG 303
Db 1 ACTTCGTACTGAACGG 16

RESULT 975
US-08-641-291A-28/c
; Sequence 28, Application US/08641291A
; Patent No. 6037122
; GENERAL INFORMATION:
; APPLICANT: MABILAT Claude
; APPLICANT: RUIMY Raymond
; TITLE OF INVENTION: NUCLEOTIDE FRAGMENT OF THE 16S RIBOSOMAL RNA OF CORYNEBACTERI
; NUMBER OF SEQUENCES: 92
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22314
; COMPUTER READABLE FORM: Floppy disk
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```
;
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release # 1.0, version # 1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/641,291A
; FILING DATE: 30-APR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 38273
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleotide
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: rRNA
US-08-641-291A-28

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1058 CAATCCCAACAAGAC 1073
Db 17 CAATCACCACCAAGAC 2

RESULT 976
US-08-985-162-637/c
; Sequence 637, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2086
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
```

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 637;
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-637

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 856 AAGGACCTGAGCAGT 871
|||||
Db 17 AAGGACCTGATGCAAT 2

RESULT 977
US-08-658-136-8
Sequence 8, Application US/08658136
Patent No. 6071717
GENERAL INFORMATION:
APPLICANT: KLINGER, KATHERINE W
APPLICANT: LANDES, GREGORY M
APPLICANT: BURN, TIMOTHY C
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: DACKOWSKI, WILLIAM
APPLICANT: GERMINO, GREGORY
APPLICANT: QIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STREET: ONE MOUNTAIN ROAD
CITY: FRAMINGHAM
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/658,136
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GEN4-17.8
TELEPHONE: 508-872-8400
TELEFAX: 508-872-5415
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-658-136-8

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 CTTTGACAGCCCTC 558
|||||
Db 1 CTTTGACAGCACATC 16

RESULT 978
US-08-658-136-57/c
Sequence 57, Application US/08658136
Patent No. 6071717
GENERAL INFORMATION:
APPLICANT: KLINGER, KATHERINE W
APPLICANT: LANDES, GREGORY M
APPLICANT: BURN, TIMOTHY C
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: DACKOWSKI, WILLIAM
APPLICANT: GERMINO, GREGORY
APPLICANT: QIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STREET: ONE MOUNTAIN ROAD
CITY: FRAMINGHAM
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/658,136
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GEN4-17.8
TELEPHONE: 508-872-8400
TELEFAX: 508-872-5415
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-658-136-57

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 CTTTGACAGCCCTC 558
|||||
Db 17 CTTTGACAGCACATC 2

RESULT 979
US-09-071-845-1675
Sequence 1675, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1675:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-1675

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.4e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1659 CACCCTCACAGGCA 1674
|||||:|||||
Db 2 CACCCUCCAGCGCA 17

RESULT 980
US-09-071-845-1692
Sequence 1692, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1692:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-1692

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.4e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1659 CACCCTCACAGGCA 1674
|||||:|||||
Db 2 CACCCUCCAGCGCA 17

RESULT 981
US-09-071-845-1973
Sequence 1973, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845

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/
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA: US/08/292,620
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: August 17, 1994
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1973:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-071-845-1973

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.4e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1659 CACCCCTCACGGCA 1674
Db 2 CACCCUCCAGCGCA 17

RESULT 982
US-08-838-715B-29/c
/ Sequence 29, Application US/08838715B
/ Patent No. 6153595
/ GENERAL INFORMATION:
/ APPLICANT: Draper, Chapman, Kisner, Anderson
/ TITLE OF INVENTION: Composition and Method for Treatment
/ TITLE OF INVENTION: of CMV Infection
/ NUMBER OF SEQUENCES: 90
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Jane Massey Licata, Esq.
/ STREET: 66 E. Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: USA
/ ZIP: 08053
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM 486
/ OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
/ SOFTWARE: WORDPERFECT 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/838,715B
/ FILING DATE: April 9, 1997
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/569,366
/ FILING DATE: 8/16/90
/ APPLICATION NUMBER: 07/927,506
/ FILING DATE: 11/19/92
/ APPLICATION NUMBER: 08/009,263
/ FILING DATE: 1/25/93
/ APPLICATION NUMBER: 08/233,711
/ FILING DATE: 4/26/94
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jane Massey Licata
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0204
/ TELECOMMUNICATION INFORMATION:
```

```
/
/ TELEPHONE: (609) 779-2400
/ TELEFAX: (609) 810-1454
/ INFORMATION FOR SEQ ID NO: 29:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHETICAL: NO
/ ANTI-SENSE: YES
/ US-08-838-715B-29

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 ATGAAGAAGATCAAC 148
Db 16 AAGAAGAAGAGCAAC 1

RESULT 983
US-08-584-040-1831
/ Sequence 1831, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwiggen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1831:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-1831
```

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.4e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 196 AATGGTCCCTGAGC 211

Db 1 AAUGGUGUCCCGAGC 16

RESULT 984

US-08-584-040-1996
Sequence 1996, Application US/08584040

Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: TREATMENT OF DISEASES OR

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

TITLE OF INVENTION: GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1996:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-1996

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 5.4e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1036 TTGGCCCTGGCCCGAG 1051

Db 1 UUUGCCUUGCCCGG 16

RESULT 985

US-08-584-040-4361/c

Sequence 4361, Application US/08584040

Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: TREATMENT OF DISEASES OR

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

TITLE OF INVENTION: GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 4361:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-4361

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 5.4e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 624 GCTGACAACTGGGC 639

Db 16 GCTGGAGATCTGGGC 1

RESULT 986

US-08-584-040-7577/c

Sequence 7577, Application US/08584040

Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: TREATMENT OF DISEASES OR

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

TITLE OF INVENTION: GROWTH FACTOR

; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7577:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7577

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 279 TCCTGGGGAACTTCGT 294
||| |||||
Db 17 TCCAGGGGAACTTCAT 2

RESULT 987
US-08-584-040-7578/c
; Sequence 7578, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7578:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7578

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 279 TCCTGGGGAACTTCGT 294
||| |||||
Db 16 TCCAGGGGAACTTCAT 1

RESULT 988
US-08-584-040-7626/c
; Sequence 7626, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.

```
;
;   REGISTRATION NUMBER: 32,327
;   REFERENCE/DOCKET NUMBER: 218/064
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (213) 489-1600
;   TELEFAX: (213) 955-0440
;   TELEX: 67-3510
;   INFORMATION FOR SEQ ID NO: 7626:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 17 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;
US-08-584-040-7626

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1084 GAGGTGGTGACACTGT 1099
DB 17 GAGCTGCTGACACTGT 2

RESULT 989
US-09-160-496-5
; Sequence 5, Application US/09160496
; Patent No. 6346613
; GENERAL INFORMATION:
; APPLICANT: O'Mahony, Daniel J
; APPLICANT: Cagney, Gerard
; TITLE OF INVENTION: Composition and Method for Enhancing Paracellular
; FILE REFERENCE: Docket No. 6346613; 98.1070.US
; CURRENT APPLICATION NUMBER: US/09/160,496
; CURRENT FILING DATE: 1998-09-24
; EARLIER APPLICATION NUMBER: US 60/059,644
; EARLIER FILING DATE: 1997-09-24
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Human occludin
; OTHER INFORMATION: antisense oligonucleotide
US-09-160-496-5

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 214 ATAGGCGCTGGATGACA 229
DB 2 AGAGGCGCTGGATGACA 17

RESULT 990
US-08-679-645-226
; Sequence 226, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
```

```
;
;   TITLE OF INVENTION: IN PLANTS
;   NUMBER OF SEQUENCES: 1263
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Lyon & Lyon
;   STREET: 633 West Fifth Street
;   CITY: Suite 4700
;   CITY: Los Angeles
;   STATE: California
;   COUNTRY: U.S.A.
;   ZIP: 90071-2066
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;   MEDIUM TYPE: storage
;   COMPUTER: IBM Compatible
;   OPERATING SYSTEM: IBM P.C. DOS 5.0
;   SOFTWARE: Word Perfect 5.1
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/08/679,645
;   FILING DATE: July 12, 1996
;   CLASSIFICATION: 800
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: 60/001,135
;   FILING DATE: July 13, 1995
;   APPLICATION NUMBER: 08/300,726
;   FILING DATE: September 2, 1994
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Warburg, Richard J.
;   REGISTRATION NUMBER: 32,327
;   REFERENCE/DOCKET NUMBER: 219/247
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (213) 489-1600
;   TELEFAX: (213) 955-0440
;   TELEX: 67-3510
;   INFORMATION FOR SEQ ID NO: 226:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 17 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;
US-08-679-645-226

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.4e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 113 CGCCGATCGCCATGGA 128
DB 2 CGCCGCGCGCCAAGGA 17

RESULT 991
US-09-125-619-8/c
; Sequence 8, Application US/09125619
; Patent No. 6437116
; GENERAL INFORMATION:
; APPLICANT: NORRIS, STEVEN J.
; APPLICANT: JING-REN, ZHANG
; APPLICANT: HARDHAM, JOHN M.
; APPLICANT: HOWELL, JERRILYN K.
; APPLICANT: BARBOUR, ALAN G.
; APPLICANT: WEINSTOCK, GEORGE M.
; TITLE OF INVENTION: VMP-LIKE SEQUENCES OF PATHOGENIC BORRELIA
; FILE REFERENCE: UTSH:234
; CURRENT APPLICATION NUMBER: US/09/125,619
; CURRENT FILING DATE: 1999-01-27
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Borrelia burgdorferi
;
US-09-125-619-8
```

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Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 528 CCTCAATAGCCCCATC 543
Db 16 CCTTAATAGCCCCCTC 1

RESULT 992
US-09-474-432B-477
; Sequence 477, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 477
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-477

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.4e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 517 GAGAGCTGACCTCA 532
Db 1 GAGAGCUGCCCUCA 16

RESULT 993
US-09-474-432B-691
; Sequence 691, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
```

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; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 691
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-691

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 5.4e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1120 CTGCTTGGTCCACGG 1135
Db 1 CUGCUGGGGUCCAGGG 16

RESULT 994
US-09-371-772B-376
; Sequence 376, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 376
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-376

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.4e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 196 AATGGTCCCTGAGC 211
Db 1 A AUGGUGUCCCGAGC 16

RESULT 995
US-09-371-772B-541
; Sequence 541, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
```

; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 541
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-541

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 5.4e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1036 TTGGCCTGGCCCGAG 1051
:::||||:|||||
Db 1 UUUGGCCUUGCCCGG 16

RESULT 996

US-09-371-772B-2128/c
; Sequence 2128, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2128
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2128

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 624 GCTGGACAACTGGGC 639
|||||:|||||
Db 16 GCTGGGAATCTGGGC 1

RESULT 997

US-09-371-772B-3373/c
; Sequence 3373, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3373
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3373

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 279 TCCTGGGAACCTTCGT 294
|||||:|||||
Db 17 TCCAGGGGAACCTTCAT 2

RESULT 998

US-09-371-772B-3374/c
; Sequence 3374, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3374
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3374

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 279 TCCTGGGAACCTTCGT 294
|||||:|||||
Db 16 TCCAGGGGAACCTTCAT 1

RESULT 999

US-09-371-772B-3418/c
; Sequence 3418, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3418
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3418

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1084 GAGGTGGTGCACACTGT 1099
||| ||| ||| ||| ||| |||
Db 17 GAGCTGCTGACACTGT 2

RESULT 1000

US-09-371-772B-4833
; Sequence 4833, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4833
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4833

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 5.4e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1034 ACTTTGGCTGGCCCG 1049
| : : : : : |||
Db 1 AUUUUGCCUUGCCCG 16

RESULT 1001

US-09-371-772B-4834
; Sequence 4834, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4834
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4834

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 5.4e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1036 TTTCGCTGGCCCGAG 1051
: : : : : |||
Db 2 UUGGCGCUUGCCCGG 17

RESULT 1002

US-09-371-772B-5010/c
; Sequence 5010, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5010
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5010

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1465 AGTCTGGGGAGCGGA 1480
| : : : : : |||
Db 17 AGTCTGGGGAGCGGA 2

RESULT 1003

US-09-371-772B-5011/c
; Sequence 5011, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0

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; SEQ ID NO 5011
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5011

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1465 AGCTGGGGGAGCGGA 1480
   |||||
Db 16 AGCTGGGGGCGGGA 1

RESULT 1004
US-09-371-772B-5121/c
; Sequence 5121, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5121
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5121

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1159 TGGGGTGTGGGCTGCA 1174
   |||||
Db 17 TGGGTTTGGGCTGCA 2

RESULT 1005
US-09-371-772B-5122/c
; Sequence 5122, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5122
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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5122

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1159 TGGGGTGTGGGCTGCA 1174
   |||||
Db 16 TGGGTTTGGGCTGCA 1

RESULT 1006
US-09-371-772B-6679
; Sequence 6679, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6679
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6679

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 188 ACAAGACCAATGGTGC 203
   |||||
Db 2 ACAAGACCAAGGGGC 17

RESULT 1007
US-09-371-772B-6680
; Sequence 6680, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6680
; LENGTH: 17
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6680

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 188 ACAAGACCAATGGTGC 203
Db 1 ACAAGACCAAGGGGC 16

RESULT 1008
US-09-476-387-476
; Sequence 476, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 476
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-476

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.4e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 517 GAGGAGCTGACCCTCA 532
Db 1 GAGGAGCUGCCCUCA 16

RESULT 1009
US-09-476-387-690
; Sequence 690, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
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; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 690
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-690

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 5.4e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1120 CTGCTTGGTGTCACGG 1135
Db 1 CUGCUGGGGUCACGG 16

RESULT 1010
US-09-401-063-637/C
; Sequence 637, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 637:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
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;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-637

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 856 AAGGACCTGAAGCAGT 871
Db 17 AAGGACCTGATGCATT 2

RESULT 1011

US-09-827-998-124/c
; Sequence 124, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 124
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-124

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 377 CTTGAGCCAGTCCTC 392
Db 17 CTTGAGCCAGTCCCC 2

RESULT 1012

US-09-827-998-125/c
; Sequence 125, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 125
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-125

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 377 CTTGAGCCAGTCCTC 392
Db 16 CTTGAGCCAGGTCCCC 1

RESULT 1013

US-09-827-998-126/c
; Sequence 126, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 126
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-126

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 375 GCGTTCAGCCAGTCCTC 390
Db 17 GCGTTCAGCCAGGTCC 2

RESULT 1014

US-09-827-998-127/c
; Sequence 127, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 127
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-127

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 375 GCGTTCAGCCAGTCCTC 390
Db 16 GCGTTCAGCCAGGTCC 1


```
RESULT 1015
US-09-827-998-574
; Sequence 574, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 574
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-574

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAA 1025
Db 2 AGAGGAGAGAGTCAA 17

RESULT 1016
US-09-827-998-577
; Sequence 577, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 577
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-577

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1012 AGGGGAGAGCTCAAGC 1027
Db 1 AGGAGAGAGTCAAGC 16

RESULT 1017
US-09-875-318A-2
; Sequence 2, Application US/09875318A
; Patent No. 6677501
; GENERAL INFORMATION:
; APPLICANT: Gabel, Christopher A.
; APPLICANT: Koller, Beverly H.

; TITLE OF INVENTION: P2X7 RECEPTOR-DEFICIENT NON-HUMAN ANIMALS AND USES THEREOF
; FILE REFERENCE: 71369-186 (PFI-010US)
; CURRENT APPLICATION NUMBER: US/09/875,318A
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 60/209,559
; PRIOR FILING DATE: 2000-06-06
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic DNA
US-09-875-318A-2

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 78 AGGGCCCCGGGCTCT 93
Db 1 AGGGCCCTGCGTCT 16

RESULT 1018
US-09-866-108A-660
; Sequence 660, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 660
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-660

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
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Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1570 GACTCAGCGCCGAC 1585
||||| ||| |||||
Db 2 GACTCAGCCAGCCAG 17

RESULT 1019

US-09-866-108A-661
; Sequence 661, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: A661CA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: A661CA Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 661

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-661

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1570 GACTCAGCGCCGAC 1585
||||| ||| |||||

Db 1 GACTCAGCCAGCCAG 16

RESULT 1020

US-09-866-108A-1525/c

; Sequence 1525, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1527
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1527

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 986 AGCCCCAGAACCTGCT 1001
Db 16 AGCCCCATCACTGCT 1

RESULT 1022
US-09-866-108A-6007
; Sequence 6007, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6007
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6007

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 405 GTCTCCAGTGAGAGTG 420
Db 2 GGCTCCAGTGACAGTG 17

RESULT 1023
US-09-866-108A-6008
; Sequence 6008, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6008
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6008

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 405 GTCTCCAGTGAGAGTG 420
Db 1 GGCTCCAGTGACAGTG 16

RESULT 1024
US-09-866-108A-6009
; Sequence 6009, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A6010A-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A6010A Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6009
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6009

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5 4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 407 CTCACGTGAGAGTGGC 422
|||||
Db 2 CTCACGTGAGAGTGG 17

RESULT 1025
US-09-866-108A-6010
; Sequence 6010, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A6010A-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A6010A Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6010
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6010

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 407 CTCACGTGAGAGTGGC 422
|||||
Db 1 CTCACGTGAGAGTGG 16

RESULT 1026
US-09-866-108A-6258
; Sequence 6258, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A6010A-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A6010A Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6258
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6258

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1041 CCTGGCCGAGCCCAAG 1056
||| ||||| |||||
Db 2 CCAGGCCGCGGCCAAG 17

RESULT 1027
US-09-866-108A-6259
; Sequence 6259, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6339
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6339

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1041 CCTGGCCGAGCCCAAG 1056
||| ||||| |||||
Db 1 CCAGGCCGCGGCCAAG 16

RESULT 1028
US-09-866-108A-6339/c
; Sequence 6339, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.

Qy 1041 CCTGGCCGAGCCCAAG 1056
||| ||||| |||||
Db 1 CCAGGCCGCGGCCAAG 16

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1041 CCTGGCCGAGCCCAAG 1056
||| ||||| |||||
Db 1 CCAGGCCGCGGCCAAG 16

APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6339
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6339

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1386 CCTCCTCACCAGCTG 1401
||||| ||||| |||||
Db 17 CCTCCTCACCAGCTG 2

RESULT 1029
US-09-866-108A-6340/c
; Sequence 6340, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664

;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 6340
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-6340

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1386 CCTCTCTCACCAGCTG 1401
DB 16 CCTCTCTCACCAGCG 1

RESULT 1030
US-09-866-108A-6341/c
;; Sequence 6341, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: ACOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 6341
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-6341

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1384 GACCTCTCTCACCAGC 1399
DB 17 GTCCTCTCTCACCATGC 2

RESULT 1031
US-09-866-108A-6342/c
;; Sequence 6342, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: ACOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 6342
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-6342

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1384 GACCTCTCTCACCAGC 1399
DB 16 GTCCTCTCTCACCATGC 1

RESULT 1032
US-09-866-108A-6794/c
;; Sequence 6794, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.

```
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6794
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6794

Query Match 0.7% Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCTCAGCCGCGCCT 569
Db 17 CCCACAGCCACCGCCT 2

RESULT 1033
US-09-866-108A-6797/c
; Sequence 6797, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6794
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6794
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; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6797
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6797

Query Match 0.7% Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 GCCCTCAGCCGCGC 567
Db 16 GCCCCACAGCCACGC 1

RESULT 1034
US-09-866-108A-7036/c
; Sequence 7036, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7036
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6794
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7531
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7531

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1390 CTCACCAAGCTGTTGC 1405
Db      16 CTCGCCAAGCTTTGTC 1

RESULT 1038
US-09-866-108A-8044
; Sequence 8044, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8044
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8046
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; ORGANISM: Homo sapiens
US-09-866-108A-8044

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      127 GATCGGATGAAGAGA 142
Db      2 GAGCGGATGAAGCAGA 17

RESULT 1039
US-09-866-108A-8046
; Sequence 8046, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8046
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8046

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      128 ATCGGATGAAGAGAT 143
Db      1 AGCGGATGAAGCAGAT 16

RESULT 1040
US-09-866-108A-8303
; Sequence 8303, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
```

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; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8303
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8303

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 267 CACAGTGCTGCTCT 282
Db 2 CAGAGTGCAGCTCT 17

RESULT 1041
US-09-866-108A-8304
; Sequence 8304, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8303
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8303

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 267 CACAGTGCTGCTCT 282
Db 2 CAGAGTGCAGCTCT 17

RESULT 1041
US-09-866-108A-8304
; Sequence 8304, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8304
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8304

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 267 CACAGTGCTGCTCT 282
Db 1 CAGAGTGCAGCTCT 16

RESULT 1042
US-09-866-108A-8998
; Sequence 8998, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8998
; LENGTH: 17
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8998

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1540 GAGCCAGCCTTCGGT 1555
|||||
DB 2 GAGCCAGCGCGGT 17

RESULT 1043

US-09-866-108A-8999
; Sequence 8999, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8999
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8999

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1540 GAGCCAGCCTTCGGT 1555
|||||
DB 1 GAGCCAGCGCGGT 16

RESULT 1044

US-09-866-108A-9023/c
; Sequence 9023, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8999
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8999

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1540 GAGCCAGCCTTCGGT 1555
|||||
DB 1 GAGCCAGCGCGGT 16

RESULT 1045

US-09-866-108A-9024/c
; Sequence 9024, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8999
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8999

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1540 GAGCCAGCCTTCGGT 1555
|||||
DB 1 GAGCCAGCGCGGT 16

RESULT 1046

US-09-866-108A-9023/c
; Sequence 9023, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8999
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8999

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9023
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9023

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1129 TCCACGCGACTCTCCA 1144
|||||
DB 17 TCCACGCGACTCTCCA 2

RESULT 1045

US-09-866-108A-9024/c
; Sequence 9024, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9023
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9023

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9024
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9024

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1129 TCCACGACTACTCCA 1144
Db 16 TCCACGACTACTCCA 1

RESULT 1046
US-09-866-108A-10009
; Sequence 10009, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10009
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10009

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1129 TCCACGACTACTCCA 1144
Db 16 TCCACGACTACTCCA 1

RESULT 1046
US-09-866-108A-10009
; Sequence 10009, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10009
```

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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10009

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 386 CGTCTCGGATGAGGT 401
Db 2 CGTCTCGGAGCGGT 17

RESULT 1047
US-09-866-108A-10011
; Sequence 10011, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10011
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10011

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 387 GTCCTCGGATGAGGTG 402
Db 1 GTCCTCGGAGCGGTG 16

RESULT 1048
US-09-866-108A-10403
; Sequence 10403, Application US/09866108A
; Patent No. 6686188
```

```
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10403
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10403

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 564 CCGCCTCCGTCGTGTC 579
Db 2 CCGGCTCCATCGTGTC 17

RESULT 1049
US-09-866-108A-10404
; Sequence 10404, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10403
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10403
```

```
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10404
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10404

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 564 CCGCCTCCGTCGTGTC 579
Db 1 CCGGCTCCATCGTGTC 16

RESULT 1050
US-09-866-108A-10663/c
; Sequence 10663, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
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; SEQ ID NO 10663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10663

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1027 CTGGCTGACTTTGGCC 1042
      ||||| || |||||
Db 17 CTGGCTGGCTTGGCC 2

RESULT 1051
US-09-866-108A-10665/c
; Sequence 10665, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-03-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10665
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10665

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1026 GCTGGCTGACTTTGGC 1041
      ||||| || |||||
Db 16 GCTGGCTGGCTTGGC 1

RESULT 1052
US-10-222-566-8/c
; Sequence 8, Application US/10222566
; Patent No. 5616488
```

```
; Patent No. 6719983
; GENERAL INFORMATION:
; APPLICANT: NORRIS, STEVEN J.
; APPLICANT: JING-REN, ZHANG
; APPLICANT: HARDHAM, JOHN M.
; APPLICANT: HOWELL, JERRILYN K.
; APPLICANT: BARBOUR, ALAN G.
; APPLICANT: WEINSTOCK, GEORGE M.
; TITLE OF INVENTION: VMP-LIKE SEQUENCES OF PATHOGENIC BORRELIA
; FILE REFERENCE: UTSH:234USD1
; CURRENT APPLICATION NUMBER: US/10/222,566
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: 09/125,619
; PRIOR FILING DATE: 1999-01-27
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Borrelia burgdorferi
US-10-222-566-8

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 528 CCTCAATAGCCCCATC 543
      ||| ||||| ||||| ||
Db 16 CCTTAATAGCCCCCTC 1

RESULT 1053
US-10-143-024A-8/c
; Sequence 8, Application US/10143024A
; Patent No. 6740744
; GENERAL INFORMATION:
; APPLICANT: NORRIS, STEVEN J.
; APPLICANT: JING-REN, ZHANG
; APPLICANT: HARDHAM, JOHN M.
; APPLICANT: HOWELL, JERRILYN K.
; APPLICANT: BARBOUR, ALAN G.
; APPLICANT: WEINSTOCK, GEORGE M.
; TITLE OF INVENTION: VMP-LIKE SEQUENCES OF PATHOGENIC BORRELIA
; FILE REFERENCE: UTSH:234USD1
; CURRENT APPLICATION NUMBER: US/10/143,024A
; CURRENT FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: 09/125,619
; PRIOR FILING DATE: 1999-01-27
; PRIOR APPLICATION NUMBER: PCT/US97/02952
; PRIOR FILING DATE: 1997-02-20
; PRIOR APPLICATION NUMBER: 60/012,028
; PRIOR FILING DATE: 1996-02-21
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Borrelia burgdorferi
US-10-143-024A-8

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 528 CCTCAATAGCCCCATC 543
      ||| ||||| ||||| ||
Db 16 CCTTAATAGCCCCCTC 1

RESULT 1054
US-08-319-492B-727
; Sequence 727, Application US/08319492B
; Patent No. 5616488
```

Two

APPLICANT: CONNORS, TIMOTHY D.
 APPLICANT: DACKOWSKI, WILLIAM R.
 APPLICANT: GERMINO, GREGORY
 APPLICANT: QIAN, FENG
 TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
 NUMBER OF SEQUENCES: 8
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Darby & Darby PC
 STREET: 805 Third Avenue
 CITY: New York
 STATE: NY

CITY: New York
 STATE: NY
 COUNTRY: USA
 ZIP: 10022
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/323,443B
 FILING DATE: 12-OCT-1994
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Ludwig, S. Peter
 REGISTRATION NUMBER: 25,351
 REFERENCE/DOCKET NUMBER: 0372/OA462

```

1 JELUK: 21761
2 INFORMATION FOR SEQ ID NO: 75:
3 SEQUENCE CHARACTERISTICS:
4 LENGTH: 18 nucleotides
5 TYPE: nucleic acid
6 STRANDEDNESS: single
7 TOPOLOGY: linear
8 MOLECULE TYPE: genomic DNA
9 PUBLICATION INFORMATION:
10 AUTHORS: Kimura, A.
11 AUTHORS: Sasazuki, T.
12 TITLE: Eleventh International

```

AUTHOR: Sasazumi, I.
 TITLE: Eleventh International Histocompatibility
 TITLE: Workshop Reference Protocol for the HLA-DNA-Typing
 TITLE: Technique
 JOURNAL: HLA 1991
 VOLUME: 1
 PAGES: 397-419


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;
; DATE: 1992
; RELEVANT RESIDUES IN SEQ ID NO: 99: 1 to 18
; US-08-363-585-99

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 269 CACGTGCTGCTCTCGG 284
Db 17 CACGTTCTCTCTCGG 2

RESULT 1059
US-08-358-995-18/c
; Sequence 18, Application US/08358995
; Patent No. 5741638
; GENERAL INFORMATION:
; APPLICANT: AKIO YAMANE
; TITLE OF INVENTION: Microtiter Well For Detecting
; TITLE OF INVENTION: Nucleic Acid
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wenderoth, Lind & Ponack
; STREET: 805 Fifteenth Street, N.W., #700
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 500 Kb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,995
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/004,572
; FILING DATE: January 14, 1993
; APPLICATION NUMBER: 07/722,673
; FILING DATE: June 28, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Warren M. Cheek Jr.
; REGISTRATION NUMBER: 33,367
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-8850
; TELEFAX: 202-371-8856
; TELEX:
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHEetical:
; ANTI-SENSE:
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; ORGANISM:
; STRAIN:
; INDIVIDUAL ISOLATE:
; DEVELOPMENTAL STAGE:
; HAPLOTYPE:
; TISSUE TYPE:
; CELL TYPE:
; CELL LINE:
; ORGANELLE:
; IMMEDIATE SOURCE:
; LIBRARY:
```

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;
; CLONE:
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT:
; MAP POSITION:
; UNITS:
; FEATURE:
; NAME/KEY:
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION:
; PUBLICATION INFORMATION:
; AUTHORS:
; TITLE:
; JOURNAL:
; VOLUME:
; ISSUE:
; PAGES:
; DATE:
; DOCUMENT NUMBER:
; FILING DATE:
; PUBLICATION DATE:
; RELEVANT RESIDUES IN SEQ ID NO:
; US-08-358-995-18

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 201 TGGCCCTGAGCAGATA 216
Db 17 TGGCTCTGTGACAGATA 2

RESULT 1060
US-08-309-512-50/c
; Sequence 50, Application US/08309512
; Patent No. 5759828
; GENERAL INFORMATION:
; APPLICANT: Tal, Ronny
; APPLICANT: Benziman, Moshe
; APPLICANT: Gelfand, David H.
; APPLICANT: Ben-Bassat, Arie
; APPLICANT: Calhoun, Roger D.
; APPLICANT: Wong, Hing C.
; TITLE OF INVENTION: CYCLIC DIGUANYLATE METABOLIC ENZYMES
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 2730 Sand Hill Road
; CITY: Menlo Park
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/309,512
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/800,218
; FILING DATE: 29-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Bortner, Scott R.
; REGISTRATION NUMBER: 34,298
; REFERENCE/DOCKET NUMBER: 8145-008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 854-3660
; TELEFAX: (415) 854-3694
; TELEX: 66141 PENNIE
```

; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
US-08-309-512-50

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1594 GTGGTGGACACCGACT 1609
|||||
Db 17 GTGGTGGCCACCCAGT 2

RESULT 1061

US-08-132-168A-10
; Sequence 10, Application US/08132168A

; Patent No. 5783680

; GENERAL INFORMATION:

; APPLICANT: Brunner, H. G.

; APPLICANT: Breakfield, X.

; TITLE OF INVENTION: Genetic Diagnosis and Treatment for

; TITLE OF INVENTION: Impulsive Aggression

; NUMBER OF SEQUENCES: 33

; CORRESPONDENCE ADDRESS:

; ADDRESS: Sterne, Kessler, Goldstein & Fox P.L.L.C.

; STREET: 1100 New York Avenue, N.W. Suite 600

; CITY: Washington

; STATE: DC

; ZIP: 20005

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/132.168A

; FILING DATE: 06-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Goldstein, Jorge A.

; REGISTRATION NUMBER: 29,021

; REFERENCE/DOCKET NUMBER: 0609.4000000

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 371-2600

; TELEFAX: (202) 371-2540

; TELEX: 248636 SSK

; INFORMATION FOR SEQ ID NO: 10:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-132-168A-10

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 671 AAAGCAAGCTACAGA 686
|||||

Db 3 AAAGCAAAATCACAGA 18
|||||

RESULT 1062

US-08-739-401A-1/c

; Sequence 1, Application US/08739401A

; Patent No. 5837461

; GENERAL INFORMATION:
; APPLICANT: Neitz, Maureen E.
; APPLICANT: Neitz, John F.
; TITLE OF INVENTION: DETECTION OF CONE-PHOTORECEPTOR-BASED
; TITLE OF INVENTION: VISION DISORDERS
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/739,401A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Baker, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 650053.91151
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5709
; TELEFAX: (414) 271-3552
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
US-08-739-401A-1

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 934 CTCGGTGGCTGGCCT 949
|||||

Db 17 CTCGGTAGCTCGCT 2
|||||

RESULT 1063

US-09-205-922-60/c

; Sequence 60, Application US/09205922

; Patent No. 5951455

; GENERAL INFORMATION:

; APPLICANT: Lex M. Cowseert

; TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION

; FILE REFERENCE: RTS-0030

; CURRENT APPLICATION NUMBER: US/09/205,922

; CURRENT FILING DATE: 1998-12-04

; NUMBER OF SEQ ID NOS: 87

; SEQ ID NO 60

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-205-922-60

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1238 ACTTCATCTTCGGTAT 1253
|||||

Db 16 ACATCATCTTCGGAT 1
|||||

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RESULT 1064
US-09-205-204-15
; Sequence 15, Application US/09205204
; Patent No. 5958772
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-1 EXPRESSION
; FILE REFERENCE: RTS-0020
; CURRENT APPLICATION NUMBER: US/09/205,204
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-204-15

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1054 AAGTCAATCCCAACAA 1069
      |||||
Db 1 AAGTCAATCCCAACAA 16

RESULT 1065
US-09-161-015-32
; Sequence 32, Application US/09161015A
; Patent No. 5965370
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF RHO G EXPRESSION
; FILE REFERENCE: RTS-0015
; CURRENT APPLICATION NUMBER: US/09/161,015A
; CURRENT FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-015-32

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1392 CACCAAGCTGTTGCAG 1407
      |||||
Db 2 CACCAATCCTTTCAG 17

RESULT 1066
US-09-197-008-13/c
; Sequence 13, Application US/09197008
; Patent No. 5977341
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-BETA EXPRESSION
; FILE REFERENCE: RTS-0019
; CURRENT APPLICATION NUMBER: US/09/197,008
; CURRENT FILING DATE: 1998-11-20
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 13
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; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-197-008-13

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 856 AAGGACCTGAAGCAGT 871
      |||||
Db 16 AAGTACCTGACCACT 1

RESULT 1067
US-09-205-860-10
; Sequence 10, Application US/09205860
; Patent No. 5981732
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
; FILE REFERENCE: RTS-0031
; CURRENT APPLICATION NUMBER: US/09/205,860
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-860-10

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 555 CCGCGCGCGCGCGCTC 570
      |||||
Db 2 CCGCGCGCGCGCGCTC 17

RESULT 1068
US-08-743-637B-136
; Sequence 136, Application US/08743637B
; Patent No. 5994066
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: PICARD, Francois J.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIES-SPECIFIC AND UNIVERSAL DNA
; TITLE OF INVENTION: PROBES AND AMPLIFICATION PRIMERS TO RAPIDLY DETECT AND
; TITLE OF INVENTION: IDENTIFY COMMON BACTERIAL PATHOGENS AND ASSOCIATED
; TITLE OF INVENTION: ANTIBIOTIC RESISTANCE GENES FROM CLINICAL SPECIMENS ...
; NUMBER OF SEQUENCES: 273
; CORRESPONDENCE ADDRESS:
; ADDRESS: QUARLES & BRADY
; STREET: 411 EAST WISCONSIN AVENUE
; CITY: MILWAUKEE
; STATE: WISCONSIN
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/743,637B
; FILING DATE: 04-NOV-1996
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US-08-857-946-14

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0; Gaps 0;

QY 560 GCCGCGCGCTCCGTCG 575
Db 17 GCCGCGCGCGCGCG 2

RESULT 1070

US-08-480-655-33/c
; Sequence 33, Application US/08480655
; Patent No. 5998133
; GENERAL INFORMATION:
; APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F;
; APPLICANT: BREAKEFIELD, XANDRA, O;
; APPLICANT: SLAUGENHAUPT, SUSAN
; TITLE OF INVENTION: USE OF GENETIC MARKERS TO
; TITLE OF INVENTION: DIAGNOSE FAMILIAL DYSAUTONOMIA
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480.655
; FILING DATE: 07-JUNE-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/049.678
; FILING DATE: 16-APRIL-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/890.719
; FILING DATE: 29-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: KENNETH H. SONNENFELD
; REGISTRATION NUMBER: 33,285
; REFERENCE/DOCKET NUMBER: 1829-4001US1
; TELEPHONE: 212-451-8513
; TELEFAX: 212-751-6849
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE: OLIGONUCLEOTIDE
; HYPOTHETICAL: NO
; FEATURE:
; NAME/KEY: PRIMER SEQUENCE OF D9S174 LOCUS
; LOCATION: CHROMOSOME 9
; IDENTIFICATION METHOD:
; OTHER INFORMATION:
; PUBLICATION INFORMATION:
; AUTHORS: WEISENBACH, ET AL.
; TITLE: A SECOND GENERATION LINKAGE MAP OF
; TITLE: THE HUMAN GENOME
; JOURNAL: NATURE
; VOLUME: 359
; ISSUE:
; PAGES: 794

US-08-857-946-14

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0; Gaps 0;

QY 560 GCCGCGCGCTCCGTCG 575
Db 17 GCCGCGCGCGCGCG 2

RESULT 1069

US-08-857-946-14/c
; Sequence 14, Application US/08857946
; Patent No. 5994075
; GENERAL INFORMATION:
; APPLICANT: Goodfellow, P.N.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
; TITLE OF INVENTION: GENE OF INTEREST
; NUMBER OF SEQUENCES: 162
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Inc.
; STREET: 75 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1807
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/857,946
; FILING DATE: 16-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/60/017,824
; FILING DATE: 17-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathleen M. Williams
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3529/05573
; TELEPHONE: 617-345-9110
; TELEFAX: 617-345-9111
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid

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/
/
/ DATE: 1992
/ DOCUMENT NUMBER:
/ FILING DATE:
/ PUBLICATION DATE:
/ RELEVANT RESIDUES IN SEQ ID NO:
/
US-08-480-655-33

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. NO. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 278 CTCCTGGGGAACCTCG 293
Db 18 CACCTGGGGAACCTTG 3

RESULT 1071
US-08-526-840B-136
; Sequence 136, Application US/08526840B
; Patent No. 6001564
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES AND
; TITLE OF INVENTION: AMPLIFICATION PRIMERS TO RAPIDLY DETECT AND IDENTIFY
; TITLE OF INVENTION: COMMON BACTERIAL PATHOGENS AND ANTIBIOTIC RESISTANCE GENES
; TITLE OF INVENTION: FROM CLINICAL SPECIMENS FOR ROUTINE DIAGNOSIS IN ...
; NUMBER OF SEQUENCES: 177
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: QUARLES & BRADY
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/526,840B
; FILING DATE: 11-SEP-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/304,732
; FILING DATE: 12-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 136:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Klebsiella pneumoniae
;
US-08-526-840B-136

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. NO. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1633 AGCAGCAGCGGTGG 1648
Db 1 AGCTGGCAACGGCTGG 16
```

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RESULT 1072
US-09-156-253-18/c
; Sequence 18, Application US/09156253C
; Patent No. 6001652
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowser, Lex M.
; TITLE OF INVENTION: Antisense Modulation of cREL Expression
; FILE REFERENCE: RTS-0010
; CURRENT APPLICATION NUMBER: US/09/156,253C
; CURRENT FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic
US-09-156-253-18

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. NO. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 19 TGGACAGGAATGCAGA 34
Db 17 TGGACAAGAACGCAGA 2

RESULT 1073
US-09-156-253-20/c
; Sequence 20, Application US/09156253C
; Patent No. 6001652
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowser, Lex M.
; TITLE OF INVENTION: Antisense Modulation of cREL Expression
; FILE REFERENCE: RTS-0010
; CURRENT APPLICATION NUMBER: US/09/156,253C
; CURRENT FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic
US-09-156-253-20

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. NO. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1085 AGGTGGTGACACTGTG 1100
Db 16 ATGTGGTGAGACTGTG 1

RESULT 1074
US-09-205-921-8/c
; Sequence 8, Application US/09205921A
; Patent No. 6008048
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: ex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
; FILE REFERENCE: RTS-0028
```

```
; CURRENT APPLICATION NUMBER: US/09/205,921A
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-921-8

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 559 AGCGCGCGCTCCGTC 574
Db 16 AGCGCGCGCGCCATC 1

RESULT 1075
US-09-205-921-17
; Sequence 17, Application US/09205921A
; Patent No. 6008048
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: ex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
; FILE REFERENCE: RTS-0028
; CURRENT APPLICATION NUMBER: US/09/205,921A
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-921-17

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 399 GGTGCAGTCTCCAGTG 414
Db 3 GGTGCAGGCTCCAGGG 18

RESULT 1076
US-08-970-740-14/c
; Sequence 14, Application US/08970740
; Patent No. 6015670
; GENERAL INFORMATION:
; APPLICANT: Goodfellow, P.N.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
; TITLE OF INVENTION: GENE OF INTEREST
; NUMBER OF SEQUENCES: 162
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Inc.
; STREET: 28 State Street, 28th Floor
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/970,740
; FILING DATE: 14-NOV-1997
```

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/857,946
; FILING DATE: 16-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/017,824
; FILING DATE: 17-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathleen M. Williams
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3529/59829
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-227-7111
; TELEFAX: 617-227-4399
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-08-970-740-14

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 560 GCCGCGCGCTCCGTCG 575
Db 17 GCCGCGCGCGCGCGC 2

RESULT 1077
US-08-838-545-9/c
; Sequence 9, Application US/08838545
; Patent No. 6046307
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyzek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6046307ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,545
; FILING DATE: 09-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
```



```
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; US-08-643-212-37

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 384 CACCTCTCTGGATGAG 399
Db 2 CACTTCTCTCAGATGAG 17

RESULT 1081
US-09-323-424-4
; Sequence 4, Application US/09323424
; Patent No. 6218530
; GENERAL INFORMATION:
; APPLICANT: Rothschild, Kenneth J
; TITLE OF INVENTION: Compounds And Methods For Detecting Biomolecules
; FILE REFERENCE: AMBER-03888
; CURRENT APPLICATION NUMBER: US/09/323.424
; CURRENT FILING DATE: 1999-06-01
; PRIOR APPLICATION NUMBER: 60/087,641
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; US-09-323-424-4

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 10 CGTAAAGGATGGACAG 25
Db 3 CGTACAGGATGTACAG 18

RESULT 1082
US-09-455-683-33/c
; Sequence 33, Application US/09455683
; Patent No. 6262250
; GENERAL INFORMATION:
; APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F;
; BREAKFIELD, XANDRA, O;
; SLAUGENHAUPT, SUSAN
; TITLE OF INVENTION: USE OF GENETIC MARKERS TO
; DIAGNOSE FAMILIAL DYSAUTONOMIA
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/455,683
; FILING DATE: 07-Dec-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,655

; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; US-08-643-212-37

FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/049,678
FILING DATE: 16-APRIL-1993
APPLICATION NUMBER: US/07/890,719
FILING DATE: 29-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: KENNETH H. SONNENFELD
REGISTRATION NUMBER: 33,285
REFERENCE/DOCKET NUMBER: 1829-4001US2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-451-8513
TELEFAX: 212-751-6849
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 BASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: UNKNOWN
MOLECULE TYPE: OLIGONUCLEOTIDE
HYPOTHETICAL: NO
MAP POSITION: A SECOND GENERATION LINKAGE MAP OF
THE HUMAN GENOME
FEATURE:
NAME/KEY: PRIMER SEQUENCE OF D9S174 LOCUS
LOCATION: CHROMOSOME 9
PUBLICATION INFORMATION:
AUTHORS: WEISSENBEACH, ET AL.
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-455-683-33

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 278 CTCCTGGGGAACCTCG 293
Db 18 CACCTGGGGAACCTTG 3

RESULT 1083
US-09-349-532-9/c
; Sequence 9, Application US/09349532
; Patent No. 6294650
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6294650ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/349,532
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/838,545
; FILING DATE: 09-APR-1997
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
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; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-09-349-532-9

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1260 AACCCCAACTGAGGAG 1275
|||||
Db 18 AACCTTAAGAGAG 3

RESULT 1084
US-09-496-694B-99/c
; Sequence 99, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 99
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-99

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 232 GGTGGTGGTGGCGGCA 247
|||||
Db 18 GGTGGCGGCGGCGCA 3

RESULT 1085
US-08-584-040-4500/c
; Sequence 4500, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
```

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; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4500:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-4500

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 624 GCTGGACAAACTGGGC 639
|||||
Db 18 GCTGGAGATCTGGGC 3

RESULT 1086
US-08-584-040-6250/c
; Sequence 6250, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
```

COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 6250:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-6250

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 33 GAGGTAGGCGAGGAGA 48
DB 16 GAGGTAGGCGAGGAGA 1

RESULT 1087
US-09-504-358-39
Sequence 39, Application US/09504358
Patent No. 6365376
GENERAL INFORMATION:
APPLICANT: Rouviere, Pierre E.
TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES
FILE REFERENCE: BG1001 US NA
CURRENT APPLICATION NUMBER: US/09/504,358
EARLIER FILING DATE: 2000-02-15
EARLIER APPLICATION NUMBER: 60/120,702
EARLIER FILING DATE: 1999-February-19
NUMBER OF SEQ ID NOS: 49
SOFTWARE: Microsoft Office 97
SEQ ID NO 39
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-504-358-39

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1479 GATCCACAACTTCT 1494
DB 1 GATCCACCAAGTTCT 16

RESULT 1088

US-09-205-995-18/c
Sequence 18, Application US/09205995
Patent No. 6368855
GENERAL INFORMATION:
APPLICANT: Xu, Minzhen
APPLICANT: Qiu, Gang
APPLICANT: Humphreys, Robert
TITLE OF INVENTION: CANCER CELL VACCINE
FILE REFERENCE: U.S. Application 09/205,995, (CIP)
CURRENT APPLICATION NUMBER: US/09/205,995
CURRENT FILING DATE: 1998-12-04
PRIOR APPLICATION NUMBER: 09/036,746
PRIOR FILING DATE: 1998-03-09
PRIOR APPLICATION NUMBER: 08/661,627
PRIOR FILING DATE: 1996-06-11
NUMBER OF SEQ ID NOS: 79
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 18
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: antisense
OTHER INFORMATION: oligonucleotide corresponding to a specific region
OTHER INFORMATION: of the mouse Ii gene.
US-09-205-995-18

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 517 GAGAAGCTGACCTCA 532
DB 18 GAGAAGCTGACCTCA 3

RESULT 1089
US-09-387-341-175
Sequence 175, Application US/09387341
Patent No. 6410323
GENERAL INFORMATION:
APPLICANT: Roberts, M. Luisa
APPLICANT: Cowser, Lex M.
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
FILE REFERENCE: ISPH-0404
CURRENT APPLICATION NUMBER: US/09/387,341
CURRENT FILING DATE: 1999-08-31
EARLIER APPLICATION NUMBER: 09/156,424
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,979
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,807
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/161,015
EARLIER FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 233
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 175
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-175

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1392 CACCAAGCTGTTCAG 1407
DB 2 CACCATCTGTTCAG 17

```
RESULT 1090
US-09-954-314-39
; CURRENT APPLICATION NUMBER: US/09954314
; Sequence 39, Application US/09954314
; Patent No. 6465224
; GENERAL INFORMATION:
; APPLICANT: Rouviere, Pierre E.
; APPLICANT: Brzostowicz, Patricia C.
; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES
; FILE REFERENCE: BC1001 US NA
; CURRENT APPLICATION NUMBER: US/09/954,314
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/120,702
; PRIOR FILING DATE: 1999-February-19
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-954-314-39

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1479 GATCCACAACTTCCT 1494
      ||||| |||||
Db 1 GATCCACCAAGTTCCT 16

RESULT 1091
US-09-475-947A-20
; Sequence 20, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTS0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 18
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-20

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGG 245
      ||||| |||||
Db 3 GTGATGGTGGTGGTGG 18

RESULT 1092
US-09-336-946B-42/c
; Sequence 42, Application US/09336946B
; Patent No. 6479731
; GENERAL INFORMATION:
; APPLICANT: Valent, Barbara S.
; APPLICANT: Bryan, Gregory
; APPLICANT: E. I. du Pont de Nemours and Company
; TITLE OF INVENTION: A Pi-ta GENE CONFERRING DISEASE RESISTANCE TO PLANTS
; FILE REFERENCE: BB-1136
US-09-336-946B-42/c

; CURRENT APPLICATION NUMBER: US/09/336,946B
; CURRENT FILING DATE: 1999-06-21
; PRIOR APPLICATION NUMBER: 60/095229
; PRIOR FILING DATE: 1998-08-04
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 42
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
US-09-336-946B-42

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 446 AGATCTCCACTGAGGA 461
      ||||| |||||
Db 16 AGATCGCCTCTGAGGA 1

RESULT 1093
US-09-422-978-5796/c
; Sequence 5796, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5796
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-6962 for SEQ 1862,
US-09-422-978-5796

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 452 CCACTGAGGACATCAA 467
      ||||| |||||
Db 18 CGACTGAGAACATCAA 3

RESULT 1094
US-09-422-978-9033/c
; Sequence 9033, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
US-09-422-978-9033/c
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; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9033
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-20850 for SEQ 1168, in complement
US-09-422-978-9033

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1489 CTTCTGACACTT 1504
||| ||||| |||||
Db 17 CTTGCTGACAACTT 2

RESULT 1095
US-09-371-772B-2213/c
; Sequence 2213, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2213
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2213

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 624 GCTGGACAACTGGGC 639
||| ||||| |||||
Db 18 GCTGGAGAACTGGGC 3

RESULT 1096
US-09-371-772B-3009/c
; Sequence 3009, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor

; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3009
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3009

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 33 GAGGTAGCGAGGAGA 48
||| ||||| |||||
Db 16 GAGGTAGCGAGGAGA 1

RESULT 1097
US-09-585-174-25
; Sequence 25, Application US/09585174
; Patent No. 6586229
; GENERAL INFORMATION:
; APPLICANT: Ben-Bassat, Arie
; APPLICANT: Cattermole, Monica
; APPLICANT: Gatenby, Anthony A.
; APPLICANT: Gibson, Katherine J.
; APPLICANT: Ramos-Gonzalez, Isabel
; APPLICANT: Ramos, Juan
; APPLICANT: Sariaslani, Sima
; TITLE OF INVENTION: Method for the Production of p-Hydroxybenzoate in Species of the Genus Agrobacterium
; FILE REFERENCE: BC1018 US NA
; CURRENT APPLICATION NUMBER: US/09/585,174
; CURRENT FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; OTHER INFORMATION: primer used for sequencing pcu
US-09-585-174-25

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1131 CACGACTACTCCACT 1146
||| ||||| |||||
Db 2 CTCGGACTACCACT 17

RESULT 1098
US-09-696-791-4228
; Sequence 4228, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791

; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4228
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Hammerhead ribozyme recognition site for cdc 2 kinase
US-09-696-791-4228

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 122 CCATGGATCGATCAA 137
|||||
Db 1 CCATGGATCTGAAGAA 16

RESULT 1099
US-09-696-791-4283
; Sequence 4283, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4283
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Hammerhead ribozyme recognition site for cdc 2 kinase
US-09-696-791-4283

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1082 ATGAGGTGGTGCACACT 1097
|||||
Db 2 ATGAGGTAGTAAACACT 17

RESULT 1100
US-10-230-562-39
; Sequence 39, Application US/10230562
; Patent No. 6790645
; GENERAL INFORMATION:
; APPLICANT: Rouviere, Pierre E
; APPLICANT: Brzostowicz, Patricia C
; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID
; FILE REFERENCE: INTERMEDIATES
; CURRENT APPLICATION NUMBER: US/10/230,562
; CURRENT FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/120,702
; PRIOR FILING DATE: 1999-02-19
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer

US-10-230-562-39

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1479 GATCCACAAACTTCCT 1494
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Db 1 GATCCACCAAGTTCCT 16

RESULT 1101
US-09-500-700-68/c
; Sequence 68, Application US/09500700
; Patent No. 6790941
; GENERAL INFORMATION:
; APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
; APPLICANT: BARBAS III, Carlos F.
; APPLICANT: GOTTESFELD, Joel M.
; APPLICANT: WRIGHT, Peter E.
; TITLE OF INVENTION: ZINC FINGER PROTEIN DERIVATIVES AND METHODS THEREFOR
; FILE REFERENCE: SCRIPI160-4
; CURRENT APPLICATION NUMBER: US/09/500,700
; CURRENT FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: US 08/863,813
; PRIOR FILING DATE: 1997-05-27
; PRIOR APPLICATION NUMBER: US 08/676,318
; PRIOR FILING DATE: 1996-12-30
; PRIOR APPLICATION NUMBER: PCT/US95/00829
; PRIOR FILING DATE: 1995-01-18
; PRIOR APPLICATION NUMBER: US 08/312,604
; PRIOR FILING DATE: 1994-09-28
; PRIOR APPLICATION NUMBER: US 08/183,119
; PRIOR FILING DATE: 1994-01-18
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 68
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: (GCG)6 probe
US-09-500-700-68

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 GCGCGCGCTCCGTCG 575
|||||
Db 17 GCGCGCGCGCGCGCG 2

RESULT 1102
US-08-473-020A-17/c
; Sequence 17, Application US/08473020A
; Patent No. 587273
; GENERAL INFORMATION:
; APPLICANT: Hance, Allan J
; APPLICANT: Grandchamp-Desraux, Bernard
; APPLICANT: Levy-Frebault, Veronique
; APPLICANT: Gicquel, Brigitte
; TITLE OF INVENTION: Nucleotide sequences of actinomycetales,
; applications to the synthesis or detection of nucleic
; acids, products of expression of such sequences and
; application as immunogenic compositions.
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Walter H. Dreger
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: U.S.A.

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; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/473,020A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/623,729
; FILING DATE: 14-DEC-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Walter H
; REGISTRATION NUMBER: 24190
; REFERENCE/DOCKET NUMBER: A54435
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-473-020A-17

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 198 TGGTGCCTGAGCAG 213
DB 17 TGGCGCCTTGAGCAG 2

RESULT 1103
US-08-631-200-39/c
; Sequence 39, Application US/08631200
; Patent No. 5646040
; GENERAL INFORMATION:
; APPLICANT: Klynn, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/631,200
; FILING DATE: 12-APR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-057
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
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;
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-631-200-39

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1706 TGCCTACCTGCTGAG 1721
DB 17 TGCCTGCTGCTGTG 2

RESULT 1104
US-08-748-591-21/c
; Sequence 21, Application US/08748591
; Patent No. 5759811
; GENERAL INFORMATION:
; APPLICANT: Epstein, Ervin
; APPLICANT: Hu, Zhilan
; APPLICANT: Bonifas, Jeanette
; TITLE OF INVENTION: Mutant Human Hedgehog Gene
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish and Richardson
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/748,591
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: 06510/067001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 322-5070
; TELEFAX: (415) 854-0875
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-748-591-21

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1392 CACCAAGCTGTGAG 1407
DB 19 CACCAAGCTGTGAG 4

RESULT 1105
US-08-912-976-28
; Sequence 28, Application US/08912976
; Patent No. 581492
; GENERAL INFORMATION:
```

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/ APPLICANT: Carrino, J. J.
/ APPLICANT: Brainard, T. D.
/ TITLE OF INVENTION: Probe Masking Method of Reducing
/ TITLE OF INVENTION: Background in an Amplification Reaction
/ NUMBER OF SEQUENCES: 40
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Abbott Laboratories
/ STREET: 100 Abbott Park Road
/ CITY: Abbott Park
/ STATE: Illinois
/ COUNTRY: USA
/ ZIP: 60064-3500
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: System 7.0.1
/ SOFTWARE: MS Word/Text
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/912,976
/ FILING DATE: 13-AUG-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/478,152
/ FILING DATE: June 7, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Thomas D. Brainard
/ REGISTRATION NUMBER: 32,459
/ REFERENCE/DOCKET NUMBER: 5747.US.01
/ TELEPHONE: 708/937-4884
/ TELEFAX: 708/938-2623
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 28:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other (synthetic DNA)
/ US-08-912-976-28

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1586 CTTCCCGCTGGTGGG 1601
Db 4 CTCCTCGTGGTGGG 19

RESULT 1106
US-08-929-553-39/c
/ Sequence 39, Application US/08829553
/ Patent No. 5817762
/ GENERAL INFORMATION:
/ APPLICANT: Klevn, Patrick W.
/ APPLICANT: Moore, Karen J.
/ TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
/ TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
/ NUMBER OF SEQUENCES: 59
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Pennie & Edmonds
/ STREET: 1155 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: U.S.A.
/ ZIP: 10036-2711
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/922,267A
/ FILING DATE: 2-SEP-1997
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/829,553
/ FILING DATE: 28-MAR-1997
/ CLASSIFICATION: 530
/ INFORMATION FOR SEQ ID NO: 39:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-829-553-39
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/ APPLICATION NUMBER: US/08/829,553
/ FILING DATE: 28-MAR-1997
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/631,200
/ FILING DATE: 12-APR-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Coruzzi, Laura A.
/ REGISTRATION NUMBER: 30,742
/ REFERENCE/DOCKET NUMBER: 7853-057
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 790-9090
/ TELEFAX: (212) 869-9741/8864
/ TELEX: 66141 PENNIE
/ INFORMATION FOR SEQ ID NO: 39:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-829-553-39

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1706 TGCCTACCTGCTGAG 1721
Db 17 TGCCTGCTGCTGTG 2

RESULT 1107
US-08-922-267A-39/c
/ Sequence 39, Application US/08922267A
/ Patent No. 5861239
/ GENERAL INFORMATION:
/ APPLICANT: Klevn, Patrick W.
/ APPLICANT: Moore, Karen J.
/ TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
/ TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
/ NUMBER OF SEQUENCES: 82
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Pennie & Edmonds LLP
/ STREET: 1155 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: U.S.A.
/ ZIP: 10036-2711
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/922,267A
/ FILING DATE: 2-SEP-1997
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/829,553
/ FILING DATE: 28-MAR-1997
/ CLASSIFICATION: 530
/ INFORMATION FOR SEQ ID NO: 39:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-829-553-39

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1586 CTTCCCGCTGGTGGG 1601
Db 4 CTCCTCGTGGTGGG 19

RESULT 1106
US-08-929-553-39/c
/ Sequence 39, Application US/08829553
/ Patent No. 5817762
/ GENERAL INFORMATION:
/ APPLICANT: Klevn, Patrick W.
/ APPLICANT: Moore, Karen J.
/ TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
/ TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
/ NUMBER OF SEQUENCES: 59
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Pennie & Edmonds
/ STREET: 1155 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: U.S.A.
/ ZIP: 10036-2711
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/922,267A
/ FILING DATE: 2-SEP-1997
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/829,553
/ FILING DATE: 28-MAR-1997
/ CLASSIFICATION: 530
/ INFORMATION FOR SEQ ID NO: 39:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-829-553-39
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; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-922-267A-39

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1706 TGCCTACCTGCCTGAG 1721
DB 17 TGCCTGCCTGCCTGTG 2

RESULT 1108
US-08-936-707A-39/c
; Sequence 39, Application US/08936707A
; Patent No. 5871931
; GENERAL INFORMATION:
; APPLICANT: Kley, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/936,707A
; FILING DATE: 24-SEP-1997
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-936-707A-39

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1706 TGCCTACCTGCCTGAG 1721
DB 17 TGCCTGCCTGCCTGTG 2

RESULT 1109
US-08-936-706A-39/c
; Sequence 39, Application US/08936706A
; Patent No. 5876919
; GENERAL INFORMATION:
; APPLICANT: Kley, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/936,706A
; FILING DATE: 24-SEP-1997
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-099
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-936-706A-39

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1706 TGCCTACCTGCCTGAG 1721
DB 17 TGCCTGCCTGCCTGTG 2

RESULT 1110
US-08-685-259-53
; Sequence 53, Application US/08665259
; Patent No. 6028173
; GENERAL INFORMATION:
; APPLICANT: Landes, Gregory M.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Dackowski, William R.
; APPLICANT: Van Raay, Terence J.
; APPLICANT: Klinger, Katherine W.
; TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
; TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: One Mountain Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: United States of America
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/665,259
; FILING DATE: 17-JUN-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: IG5-9.1
; TELEPHONE: (508) 872-8400
; TELEFAX: (508) 872-5415
; INFORMATION FOR SEQ ID NO: 53:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide primer"
;
US-08-665-259-53

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 562 CGCGCGCTCGTCGTG 577
Db 4 CGCGCGCTCCTTCATG 19

RESULT 1111
US-08-762-500-53
; Sequence 53, Application US/08762500
; Patent No. 6030806
; GENERAL INFORMATION:
; APPLICANT: Landes, Gregory M.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Dackowski, William R.
; APPLICANT: Van Raay, Terence J.
; APPLICANT: Klinger, Katherine W.
; TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES.
; TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME
; NUMBER OF SEQUENCES: 83
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: One Mountain Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: United States of America
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/762,500
; FILING DATE: 09-DEC-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/665,259
; FILING DATE: 17-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/10469
; FILING DATE: 17-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: IG5-9.3
```

```
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 872-8400
; TELEFAX: (508) 872-5415
; INFORMATION FOR SEQ ID NO: 53:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide primer"
;
US-08-762-500-53

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 562 CGCGCGCTCGTCGTG 577
Db 4 CGCGCGCTCCTTCATG 19

RESULT 1112
US-08-750-064-19
; Sequence 19, Application US/08750064
; Patent No. 6040142
; GENERAL INFORMATION:
; APPLICANT: MELKI, JUDITH
; APPLICANT: MUNNICH, ARNOLD
; TITLE OF INVENTION: METHOD AND PROBES FOR DETECTING MARKERS
; TITLE OF INVENTION: BOUND TO THE LOCUS OF CHILD SPINAL MUSCULAR ATROPHIES
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/750,064
; FILING DATE: 29-JAN-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 94/06856
; FILING DATE: 03-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: WILSON, MARY J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 960-26
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleotide
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
;
US-08-750-064-19

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
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Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1704 TCTGCTTACCTGCTG 1719
||||| ||| |||
Db 3 TCTGCTTCTCTCTG 18

RESULT 1113
US-09-248-203-39/c
; Sequence 39, Application US/09248203
; Patent No. 6043346
; GENERAL INFORMATION:
; APPLICANT: Klevy, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/248,203
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/936,707
; FILING DATE: 24-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-248-203-39

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1706 TGCCTACTGCTGCTGAG 1721
||||| ||| |||
Db 17 TGCCTGCTGCTGCTG 2

RESULT 1114
US-08-851-843A-95/c
; Sequence 95, Application US/08951843A
; Patent No. 6093809
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 727
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
```

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; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6093809el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,843A
; FILING DATE: 06-MAY-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 95:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-851-843A-95

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 271 CGTGTCTCTCTGGG 286
||||| ||| |||
Db 19 CGTGCCACTCTGGG 4

RESULT 1115
US-08-974-549A-387/c
; Sequence 387, Application US/08974549A
; Patent No. 6166178
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 727
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
```

CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,549A
FILING DATE: 19-NOV-1997
CLASSIFICATION: 536
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
PRIORITY APPLICATION DATA: WO PCT/US97/17618
FILING DATE: 01-OCT-1997
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph Ted
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002610US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 387:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..19
OTHER INFORMATION: /note= "TCP1.9 primer"

US-08-974-549A-387
Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 271 CGTCTCTCTCTGGG 286
Db 19 CGTGCCACTCTCTGGG 4

RESULT 1116

US-08-960-780-84
Sequence 84, Application US/08960780
Patent No. 6204435
GENERAL INFORMATION:
APPLICANT: Feitelson, Jerald S.
APPLICANT: Schnepf, H. Ernest
APPLICANT: Narva, Kenneth E.
APPLICANT: Stockhoff, Brian A.
APPLICANT: Schneits, James
APPLICANT: Loewer, David
APPLICANT: Dullum, Charles Joseph
APPLICANT: Muller-Cohn, Judy
APPLICANT: Stamp, Lisa
TITLE OF INVENTION: No. 6204435el Pesticidal Toxins and Nucleotide
SEQUENCES Which Encode These Toxins
NUMBER OF SEQUENCES: 134
CORRESPONDENCE ADDRESS:
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: FL
COUNTRY: US
ZIP: 32606-6669
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/960,780
FILING DATE: 30-OCT-1997
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 60/029,848
FILING DATE: 30-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Saliwanchik, David R.
REGISTRATION NUMBER: 31,794
REFERENCE/DOCKET NUMBER: MA-708
TELEPHONE: 352-375-8100
TELEFAX: 352-372-5800
INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-960-780-84

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1519 AGGAGATTTCAGCTAC 1534
Db 2 AGGAGACTCAGGTAC 17

RESULT 1117

US-08-960-780-122/c
Sequence 122, Application US/08960780
Patent No. 6204435
GENERAL INFORMATION:
APPLICANT: Feitelson, Jerald S.
APPLICANT: Schnepf, H. Ernest
APPLICANT: Narva, Kenneth E.
APPLICANT: Stockhoff, Brian A.
APPLICANT: Schneits, James
APPLICANT: Loewer, David
APPLICANT: Dullum, Charles Joseph
APPLICANT: Muller-Cohn, Judy

```
; APPLICANT: Stamp, Lisa
; TITLE OF INVENTION: No. 6204435el Pesticidal Toxins and Nucleotide
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: US
; ZIP: 32606-6669
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/960,780
; FILING DATE: 30-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,848
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Saliwanchik, David R.
; REGISTRATION NUMBER: 31,794
; REFERENCE/DOCKET NUMBER: MA-708
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 122:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-960-780-122

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1519 AAGGAGACTCAGTAC 1534
Db 18 AAGGAGACTCAGTAC 3

RESULT 1118
US-09-406-071-39/c
; Sequence 39, Application US/09406071
; Patent No. 6207386
; GENERAL INFORMATION:
; APPLICANT: Kieyn, Patrick W.
; ADDRESSEE: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; STREET: Pennie & Edmonds LLP
; ADDRESS: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/406,071
; FILING DATE:
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```
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/936,707
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-406-071-39

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1706 TGCCTACTGCTGCTGAG 1721
Db 17 TGCCTGCTGCTGCTGTG 2

RESULT 1119
US-09-102-491-9/c
; Sequence 9, Application US/09102491
; Patent No. 6238876
; GENERAL INFORMATION:
; APPLICANT: Altaba, Ariel Ruizi
; TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT
; TITLE OF INVENTION: OF SPORADIC BASAL CELL CARCINOMA
; FILE REFERENCE: 1049-1-008N
; CURRENT APPLICATION NUMBER: US/09/102,491
; CURRENT FILING DATE: 1998-06-22
; EARLIER APPLICATION NUMBER: 60/050,286
; EARLIER FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-102-491-9

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 480 ACTACCAGCTCAGCATC 495
Db 17 ACTAGCAGCAGCATC 2

RESULT 1120
US-09-073-898-84
; Sequence 84, Application US/09073898
; Patent No. 6242669
; GENERAL INFORMATION:
; APPLICANT: Feitelson, Jerald S.
; APPLICANT: Schnepf, H. Ernest
; APPLICANT: Narva, Kenneth E.
; APPLICANT: Stockhoff, Brian A.
; APPLICANT: Schmeits, James
; APPLICANT: Loewer, David
```

```
,
; APPLICANT: Dullum, Charles Joseph
; APPLICANT: Muller-Cohn, Judy
; APPLICANT: Stamp, Lisa
; APPLICANT: Morrill, George
; APPLICANT: Finstad-Lee, Stacey
; TITLE OF INVENTION: No. 6242669el Pesticidal Toxins and Nucleotide
; TITLE OF INVENTION: Sequences Which Encode These Toxins
; NUMBER OF SEQUENCES: 144
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: US
; ZIP: 32606-6669
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,898
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,848
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/960,780
; FILING DATE: 30-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Sanders, Jay M.
; REGISTRATION NUMBER: 39,355
; REFERENCE/DOCKET NUMBER: RA-708C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-372-5800
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 84:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-09-073-898-84

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1519 AAGGAGATTCAGGTAC 1534
Db 2 AAGGAGACTCAGGTAC 17

RESULT 1121
US-09-073-898-122/c
; Sequence 122, Application US/09073898
; Patent No. 6242669
; GENERAL INFORMATION:
; APPLICANT: Feitelson, Jerald S.
; APPLICANT: Schnepf, H. Ernest
; APPLICANT: Narva, Kenneth E.
; APPLICANT: Stockhoff, Brian A.
; APPLICANT: Schmeits, James
; APPLICANT: Loewer, David
; APPLICANT: Dullum, Charles Joseph
; APPLICANT: Muller-Cohn, Judy
; APPLICANT: Stamp, Lisa
; APPLICANT: Morrill, George
; APPLICANT: Finstad-Lee, Stacey
; TITLE OF INVENTION: No. 6242669el Pesticidal Toxins and Nucleotide
; TITLE OF INVENTION: Sequences Which Encode These Toxins
```

```
,
; NUMBER OF SEQUENCES: 144
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: US
; ZIP: 32606-6669
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,898
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,848
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/960,780
; FILING DATE: 30-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Sanders, Jay M.
; REGISTRATION NUMBER: 39,355
; REFERENCE/DOCKET NUMBER: RA-708C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-372-5800
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 122:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-09-073-898-122

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1519 AAGGAGATTCAGGTAC 1534
Db 18 AAGGAGACTCAGGTAC 3

RESULT 1122
US-08-854-050-95/c
; Sequence 95, Application US/08854050
; Patent No. 6261836
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lignier, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6261836el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
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SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/854,050
FILING DATE: 09-MAY-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-854-050-95

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 CGTGCTGCTCTCTGGG 286
||||| |||||||
DB 19 CGTGCCACTCTCTGGG 4

RESULT 1123
US-09-338-907-533
Sequence 533, Application US/09338907
Patent No. 6265546
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CP1CP
CURRENT APPLICATION NUMBER: US/09/338,907
CURRENT FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION NUMBER: 09/218,207
EARLIER FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pn
SEQ ID NO 533
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: misc_feature

LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 4-56-159.mis2
US-09-338-907-533

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 713 GACTGGAACATGAAGA 728
||||| |||||||
DB 3 GACTGTACATGGAGA 18

RESULT 1124
US-09-312-183A-11/c
Sequence 11, Application US/09312183A
Patent No. 6303766
GENERAL INFORMATION:
APPLICANT: GRABAU, ELIZABETH A.
APPLICANT: HEGEMAN, CARLA E.
TITLE OF INVENTION: SOYBEAN PHYTASE AND NUCLEIC ACID ENCODING THE SAME
FILE REFERENCE: 6617-13
CURRENT APPLICATION NUMBER: US/09/312,183A
CURRENT FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 11
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Gene-specific
OTHER INFORMATION: primer
US-09-312-183A-11

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 363 GGAGAGTGACCAAGCT 378
||||| |||||||
DB 19 GGACCAATGACCAAGCT 4

RESULT 1125
US-09-430-323-95/c
Sequence 95, Application US/09430323
Patent No. 6309867
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin
APPLICANT: Andrews, William H.
TITLE OF INVENTION: No. 6309867el Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/09/430,323
APPLICATION NUMBER: US/09/430,323
FILING DATE: 29-Oct-1999

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/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ FILING DATE: 09-MAY-1997
/ APPLICATION NUMBER: US 08/854,050
/ FILING DATE: 06-MAY-1997
/ APPLICATION NUMBER: US 08/851,843
/ FILING DATE: 25-APR-1997
/ APPLICATION NUMBER: US 08/846,017
/ FILING DATE: 18-APR-1997
/ APPLICATION NUMBER: US 08/844,419
/ FILING DATE: 01-OCT-1996
/ APPLICATION NUMBER: US 08/724,643
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Apple, Randolph T.
/ REGISTRATION NUMBER: 36,429
/ REFERENCE/DOCKET NUMBER: 015389-002930US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 95:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ SEQUENCE DESCRIPTION: SEQ ID NO: 95:
US-09-430-323-95

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 CGTGGCTCTCTGGG 286
DB 19 CGTGGCACTCTGGG 4

RESULT 1126
US-09-218-207-533
/ Sequence 533, Application US/09218207
/ Patent No. 6346381
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Ilyia, Chumakov
/ APPLICANT: Bougueleret, Lydie
/ TITLE OF INVENTION: Prostate cancer gene
/ FILE REFERENCE: GENSET.018CP1
/ CURRENT APPLICATION NUMBER: US/09/218,207
/ CURRENT FILING DATE: 1998-12-22
/ EARLIER APPLICATION NUMBER: 08/996,306
/ EARLIER FILING DATE: 1997-12-22
/ EARLIER APPLICATION NUMBER: 60/099,658
/ EARLIER FILING DATE: 1998-09-09
/ NUMBER OF SEQ ID NOS: 578
/ SOFTWARE: Patent.pm
/ SEQ ID NO 533
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 1..19
/ OTHER INFORMATION: potential microsequencing oligo for 4-56-159.mis2
US-09-218-207-533

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 713 GACTGGAACATGAGA 728
||||| ||||||| |||

CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 01-OCT-1996
APPLICATION NUMBER: US 08/724,643
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 95:
US-09-430-323-95

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 CGTGGCTCTCTGGG 286
DB 19 CGTGGCACTCTGGG 4

RESULT 1127
US-08-912-951-154/c
/ Sequence 154, Application US/08912951
/ Patent No. 6475789
/ GENERAL INFORMATION:
/ APPLICANT: Cech, Thomas R.
/ APPLICANT: Lingner, Joachim
/ APPLICANT: Nakamura, Toru
/ APPLICANT: Chapman, Karen B.
/ APPLICANT: Morin, Gregg B.
/ APPLICANT: Hatley, Calvin
/ APPLICANT: Andrews, William H.
/ TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS
/ NUMBER OF SEQUENCES: 335
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Townsend and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, 8th Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: United States of America
/ ZIP: 94111
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/912,951
/ FILING DATE: 14-AUG-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/854,050
/ FILING DATE: 09-MAY-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/851,843
/ FILING DATE: 06-MAY-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/846,017
/ FILING DATE: 25-APR-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/844,419
/ FILING DATE: 18-APR-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/724,643
/ FILING DATE: 01-OCT-1996
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Apple, Randolph T.
/ REGISTRATION NUMBER: 36,429
/ REFERENCE/DOCKET NUMBER: 015389-002600US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 154:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
US-08-912-951-154

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 271 CGTGTGCTCTGGG 286
||||| |||||||
Db 19 CGTCCACTCTGGG 4

RESULT 1128
US-09-422-978-4919
; Sequence 4919, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4919
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-18669 for SEQ 985,
US-09-422-978-4919

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1292 TGTCAACGAGAGTT 1307
||||| |||||||
Db 2 TGTCAATGAGAGTT 17

RESULT 1129
US-09-422-978-7743/c
; Sequence 7743, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7743
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-21725 for SEQ 3809,
US-09-422-978-7743

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 154 CTGTCAATGACACTCC 169
||||| |||||||
Db 19 CTGTCACTGACACTGC 4

RESULT 1130
US-09-814-986-39/c
; Sequence 39, Application US/09814986
; Patent No. 6605437
; GENERAL INFORMATION:
; APPLICANT: Klynn, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/814,986
; FILING DATE: 22-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/936,707
; FILING DATE: 24-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 39:
US-09-814-986-39

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1706 TGCCTACCTGCCTGAG 1721
||||| |||||||
Db 17 TGCCTGCCTGCCTGTG 2

RESULT 1131
US-09-402-181B-387/c
; Sequence 387, Application US/09402181B
; Patent No. 6610839
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru

Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin B.
Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 633
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,181B
FILING DATE: 29-Sep-1997
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ausenhus, Scott L.
REGISTRATION NUMBER: 42,271
REFERENCE/DOCKET NUMBER: 015389-002620US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 387:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..19
OTHER INFORMATION: /note= "TCPl.9 primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 387:
US-09-402-181B-387

Query Match 0.7% Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 CGTGCTGCTCCTGGGG 286
||||| |||||
Db 19 CGTGCCACTCCTGGGG 4

RESULT 1132

US-09-721-456-387/c

Sequence 387, Application US/09721456
Patent No. 6617110
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin B.
Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 727
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/721,456
FILING DATE: 22-No. 661710-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/974,549A
FILING DATE: 19-NOV-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: WO PCT/US97/17618
FILING DATE: 01-OCT-1997
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph Ted
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 387:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..19
OTHER INFORMATION: /note= "TCPl.9 primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 387:
US-09-721-456-387

Query Match

0.7% Score 12.8; DB 1; Length 19;

Best Local Similarity 87.5%; Pred. No. 6.5e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 2;

Qy 271 CGTGCTGCTCTGGG 286
Db 19 CGTGCCACTCTGGG 4

RESULT 1133
US-09-850-351A-84
; Sequence 84, Application US/09850351A
; Patent No. 6656908
; GENERAL INFORMATION:
; APPLICANT: Feitelson, Jerald S.
; Schnepf, H. Ernest
; Narva, Kenneth E.
; Stockhoff, Brian A.
; Schmeits, James
; Loewer, David
; Dullum, Charles Joseph
; Muller-Cohn, Judy
; Stamp, Lisa
; Morrill, George
; TITLE OF INVENTION: No. 6656908el Pesticidal Toxins and Nucleotide
; Sequences Which Encode These Toxins
; NUMBER OF SEQUENCES: 144
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: US
; ZIP: 32606-6669
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/850,351A
; FILING DATE: 07-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/073,898
; FILING DATE: 06-May-1998
; APPLICATION NUMBER: US 08/960,780
; FILING DATE: 30-Oct-1997
; APPLICATION NUMBER: US 60/029,848
; FILING DATE: 30-Oct-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sanders, Jay M.
; REGISTRATION NUMBER: 39,355
; REFERENCE/DOCKET NUMBER: MA-708CD1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 84:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 84:
US-09-850-351A-84

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1519 AAGGAGATTCAGGTAC 1534
Db 2 AAGGAGACTCAGGTAC 17

RESULT 1135
US-09-495-714C-47
; Sequence 47, Application US/09495714C
; Patent No. 6670465

Best Local Similarity 87.5%; Pred. No. 6.5e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 2;

Qy 271 CGTGCTGCTCTGGG 286
Db 19 CGTGCCACTCTGGG 4

RESULT 1133
US-09-850-351A-84
; Sequence 84, Application US/09850351A
; Patent No. 6656908
; GENERAL INFORMATION:
; APPLICANT: Feitelson, Jerald S.
; Schnepf, H. Ernest
; Narva, Kenneth E.
; Stockhoff, Brian A.
; Schmeits, James
; Loewer, David
; Dullum, Charles Joseph
; Muller-Cohn, Judy
; Stamp, Lisa
; Morrill, George
; TITLE OF INVENTION: No. 6656908el Pesticidal Toxins and Nucleotide
; Sequences Which Encode These Toxins
; NUMBER OF SEQUENCES: 144
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: US
; ZIP: 32606-6669
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/850,351A
; FILING DATE: 07-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/073,898
; FILING DATE: 06-May-1998
; APPLICATION NUMBER: US 08/960,780
; FILING DATE: 30-Oct-1997
; APPLICATION NUMBER: US 60/029,848
; FILING DATE: 30-Oct-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sanders, Jay M.
; REGISTRATION NUMBER: 39,355
; REFERENCE/DOCKET NUMBER: MA-708CD1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 84:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 84:
US-09-850-351A-84

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1519 AAGGAGATTCAGGTAC 1534
Db 2 AAGGAGACTCAGGTAC 17

RESULT 1135
US-09-495-714C-47
; Sequence 47, Application US/09495714C
; Patent No. 6670465

GENERAL INFORMATION:
; APPLICANT: University Technologies International Inc.
; TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
; FILE REFERENCE: 45499.4 (formerly 45074.6)
; CURRENT APPLICATION NUMBER: US/09/495,714C
; CURRENT FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-495-714C-47

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 320 CACCAGAGATTGGCA 335
|||||
Db 1 CACCAGAGATGGTCCA 16

RESULT 1136
US-09-155-885A-55
; Sequence 55, Application US/09155885A
; Patent No. 6709812
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 55:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 55:
US-09-155-885A-55

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1057 TCAATCCCAACAAGA 1072
|||||
Db 2 TCAACCCCAACAAGA 17

RESULT 1137
US-09-696-791-215
; Sequence 215, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 215
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-215

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 966 GGTCTACACCGAGAC 981
|||||
Db 4 GGTCTCCACCGAGAC 19

RESULT 1138
US-09-696-791-300/c
; Sequence 300, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 300
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-300

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 340 GACTTGAAGATGGGT 355
|||||
Db 18 GAGTCGAAGATGGGT 3

RESULT 1139
US-09-696-791-301/c

```
; Sequence 301, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 301
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-301

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      340 GACTTGAAGATGGGCT 355
Db      16 GAGTCGAAGATGGGCT 1

RESULT 1140
US-09-696-791-326
; Sequence 326, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 326
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-326

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      863 TGAACGACTACTGCTGA 878
Db      1 TGAAGAAGTACATGGA 16

RESULT 1141
US-09-696-791-717
; Sequence 717, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 717
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk7 ribozyme binding site
US-09-696-791-717

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      830 TCACCTTGCTCTTGA 845
Db      3 TTACCTTGCTCTTGA 18

RESULT 1142
US-09-696-791-718
; Sequence 718, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 718
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk7 ribozyme binding site
US-09-696-791-718

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      832 ACCCTTGCTCTTGAGT 847
Db      2 AGCCTTGCTCTTGATT 17

RESULT 1143
US-09-696-791-2018
; Sequence 2018, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2018
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D3 ribozyme binding site
US-09-696-791-2018

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 289 CTTCTGTTCTGCACGG 304
    ||||| ||||| |||||
Db 4 CTTCAITCTGCACGG 19

RESULT 1144
US-09-696-791-2019
; Sequence 2019, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2019
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D3 ribozyme binding site
US-09-696-791-2019

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 289 CTTCTGTTCTGCACGG 304
    ||||| ||||| |||||
Db 3 CTTCAITCTGCACGG 18

RESULT 1145
US-09-696-791-2474
; Sequence 2474, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2474
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
US-09-696-791-2474

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 304 GGCCCACTCAGCTCTG 319
    ||||| ||||| |||||
Db 2 GGACCACTCAGCTGTG 17

RESULT 1146
US-09-696-791-2971/c
; Sequence 2971, Application US/09696791
; Patent No. 6770633
```

```
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2971
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin A1 ribozyme binding site
US-09-696-791-2971

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 985 AAGCCCCAGAACCTGC 1000
    ||||| ||||| |||||
Db 19 AGGCCCAAAACCTGC 4

RESULT 1147
US-09-696-791-2972/c
; Sequence 2972, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2972
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin A1 ribozyme binding site
US-09-696-791-2972

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 985 AAGCCCCAGAACCTGC 1000
    ||||| ||||| |||||
Db 18 AGGCCCAAAACCTGC 3

RESULT 1148
US-09-696-791-2973/c
; Sequence 2973, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2973
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OTHER INFORMATION: A, T, C, G, other or unknown
US-09-163-485-22

Query Match 0.7%; Score 12.6; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 6.7e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 856 AAGGACCTGAAGCAGTAC 873
DB 1 AARGAYGTNAARCAGTTC 18

RESULT 1151
US-09-696-791-2050/c
Sequence 2050, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2050
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Cyclin D3 ribozyme binding site
US-09-696-791-2050

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 58 TGACTGCTGAACCCAGGG 76
DB 19 TGGCTGCTGGAGCCCCGGG 1

RESULT 1152
US-07-922-723A-21/c
Sequence 21, Application US/07922723A
Patent No. 5369004
GENERAL INFORMATION:
APPLICANT: Drs. Mihael H. Polymeropoulos
APPLICANT: and Carl R. Merrill
TITLE OF INVENTION: FIVE HIGHLY INFORMATIVE
TITLE OF INVENTION: REPEAT POLYMORPHIC DNA MARKERS
NUMBER OF SEQUENCES: 73
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lowe, Price, LeBlanc & Becker
STREET: Suite 300, 99 Canal Center Plaza
CITY: Alexandria
STATE: Virginia
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: DOS Text File
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/922,723A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: D.J. Mills
REGISTRATION NUMBER: 34506
REFERENCE/DOCKET NUMBER: 717081B

LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Cyclin A1 ribozyme binding site
US-09-696-791-2973

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 985 AAGCCCCAGAACCTGC 1000
DB 17 AGGCCCAAAACCTGC 2

RESULT 1149
US-09-696-791-3579
Sequence 3579, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3579
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3579

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 6.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1243 ATCTCCGTACTCTTAG 1258
DB 4 ATCTTCGAATCTTAG 19

RESULT 1150
US-09-163-485-22
Sequence 22, Application US/09163485
Patent No. 6277571
GENERAL INFORMATION:
APPLICANT: FILLMORE, HELEN
APPLICANT: BROADUS, WILLIAM
APPLICANT: GILLIES, GEORGE
TITLE OF INVENTION: SEQUENTIAL CONSENSUS REGION-DIRECTED AMPLIFICATION OF
TITLE OF INVENTION: KNOWN AND NOVEL MEMBERS OF GENE FAMILIES
FILE REFERENCE: VCUIP4B
CURRENT APPLICATION NUMBER: US/09/163,485
CURRENT FILING DATE: 1998-08-30
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 22
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide, consensus sequence from human
OTHER INFORMATION: matrix metalloproteinases
FEATURE:
NAME/KEY: MOD_RES
LOCATION: (9)

```
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703 684 1111
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-922-723A-21

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 949 TACTGCCACCGCAGAGG 967
Db 19 TACAGCCACGAGAGTGG 1

RESULT 1153
US-07-799-828C-21/c
; Sequence 21, Application US/07799828C
; Patent No. 5378602
; GENERAL INFORMATION:
; APPLICANT: Drs. Carl R. Merrill and
; APPLICANT: Michael H. Polymeropoulos
; TITLE OF INVENTION: TWENTY SEVEN HIGHLY INFORMATIVE
; TITLE OF INVENTION: MICROSAATELLITE REPEAT
; TITLE OF INVENTION: POLYMORPHIC DNA MARKERS
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lowe, Price, LeBlanc & Becker
; STREET: Suite 300, 99 Canal Center Plaza
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: DOS Text File
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/799,828C
; FILING DATE: 19911127
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: D.J. Mills
; REGISTRATION NUMBER: 34,506
; REFERENCE/DOCKET NUMBER: 717081A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703 684 1111
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-799-828C-21

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 949 TACTGCCACCGCAGAGG 967
Db 19 TACAGCCACGAGAGTGG 1

RESULT 1154
US-08-474-542A-80/c
; Sequence 80, Application US/08474542A
; Patent No. 5527898
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Impraio, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; TITLE OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,542A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9234
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-474-542A-80

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 344 TGAAGATGGGCTCTGATGG 362
Db 19 TGAACATGGCGTCTGTAGG 1

RESULT 1155
US-08-079-110A-6
; Sequence 6, Application US/08079110A
; Patent No. 5571711
; GENERAL INFORMATION:
; APPLICANT: van der Bruggen, Pierre; Boon-Falleur,
; APPLICANT: Thierry; Coulie, Pierre; Renauld, Jean-Christophe
; TITLE OF INVENTION: ISOLATED NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: CODING FOR BAGE TUMOR REJECTION ANTIGEN PRECURSORS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
; COMPUTER: IBM PS/2
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; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/079,110A
; FILING DATE: 17-JUN-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Hanson, No. 5571711man D.
; REGISTRATION NUMBER: 30,946
; REFERENCE/DOCKET NUMBER: LUD 5310
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-079-110A-6

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      841 TTTGAGTACCTGGACAGG 859
Db      1 TTAGAGGACCAGGAGG 19

RESULT 1156
US-08-222-177A-381/c
; Sequence 381, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (GC-DA)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 381:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
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; IMMEDIATE SOURCE:
; CLONE: mfd120p2
US-08-222-177A-381

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      377 CTTGAGCCAGTCCTCGGA 395
Db      19 CTTGAGCCTCAACCTCTGA 1

RESULT 1157
US-08-379-078-706
; Sequence 706, Application US/08379078
; Patent No. 5639612
; GENERAL INFORMATION:
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: Gene Detection System
; NUMBER OF SEQUENCES: 726
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,078
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/974,406
; FILING DATE: 12-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.011CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 706:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-379-078-706

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      458 AGGACATCAACACAGCGCCT 476
Db      1 AGGACATCAACAAACACCT 19

RESULT 1158
US-08-457-648-80/c
; Sequence 80, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
```


APPLICANT: Bauer, Heidi M.
APPLICANT: Gravitt, Patti E.
APPLICANT: Greer, Catherine E.
APPLICANT: Impraim, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 298
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,648
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9205
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 80:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-457-648-80

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 344 TGAAGATGGGCTGTGATGG 362
Db 19 TGAACATGGGCTGTGATGG 1

RESULT 1159
US-08-196-630A-7
Sequence 7, Application US/08196630A
Patent No. 5683886
GENERAL INFORMATION:
APPLICANT: van der Bruggen, Pierre
APPLICANT: Boon-Falleur, Thierry
TITLE OF INVENTION: ISOLATED PEPTIDES WHICH FORM
TITLE OF INVENTION: COMPLEXES WITH MHC MOLECULE HLA-C-CLONE 10 AND USES
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felte & Lynch
STREET: 805 Third Avenue
CITY: New York City
STATE: New York
COUNTRY: USA
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/196,630A
FILING DATE: 15-FEB-1994
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/079,110
FILING DATE: 17-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 5683886man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5310.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-196-630A-7

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 841 TTTGAGTACCTGCACAGG 859
Db 1 TTAGAGGACCAGGAGAGG 19

RESULT 1160
US-08-356-287-24/c
Sequence 24, Application US/08356287
Patent No. 5686272
GENERAL INFORMATION:
APPLICANT: Ronald L. Marshall
APPLICANT: John J. Carrino
APPLICANT: Joann Sustachek
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES USING
TITLE OF INVENTION: THE LIGASE CHAIN REACTION
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette
COMPUTER: Macintosh
OPERATING SYSTEM: System 7.0.1
SOFTWARE: Microsoft Word 5.1a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/356,287
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/891,543
FILING DATE: 29 MAY 1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul D. Yager
REGISTRATION NUMBER: 37,477
REFERENCE/DOCKET NUMBER: 5172.US.PI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-2341
TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: nucleic acid
STRANDEDNESS: single

GCCTAAGTCAATCCCAACCA

CITY: Falls Church

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; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-3487
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,733
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 760-218P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OLIGONUCLEOTIDE PRIMER L11"
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..19
; OTHER INFORMATION: /note= "OLIGONUCLEOTIDE PRIMER L11"
;
US-08-709-733-12

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 506 AGGCTACCTGGAGAGCT 524
   ||| |||| |||| ||||
Db 19 AGGCTACATGGCCAGCT 1

RESULT 1164
US-08-359-705B-22/c
; Sequence 22, Application US/08359705B
; Patent No. 5844092
; GENERAL INFORMATION:
; APPLICANT: Presta, Leonard G.
; APPLICANT: Shelton, David L.
; APPLICANT: Urfer, Roman
; TITLE OF INVENTION: Human trk Receptors and Neurotrophic Factor Inhibitors
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/359,705B
; FILING DATE: 20-Dec-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/286846
; FILING DATE: 08/10/94
```

```
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/215139
; FILING DATE: 03/18/94
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, Phd., Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: P0873P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-8674
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
;
US-08-359-705B-22

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 829 CTCACCTTGTCTTTGAGT 847
   |||| |||| |||| ||||
Db 19 CTCACCTTGGCCTGGCGT 1

RESULT 1165
US-08-450-905B-131
; Sequence 131, Application US/08450905B
; Patent No. 5856301
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Stem Cell Inhibiting Proteins
; NUMBER OF SEQUENCES: 178
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HALE and DORR
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/450,905B
; FILING DATE: 26-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,759
; FILING DATE: 08-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9127319.3
; FILING DATE: 23-DEC-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9221587.0
; FILING DATE: 14-OCT-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, HOLLIE L.
; REGISTRATION NUMBER: 31,321
; REFERENCE/DOCKET NUMBER: 102.378.120DV-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-526-6110
; TELEFAX: 617-526-5000
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
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; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: /product= "BB9501 oligomer"
US-08-450-905B-131

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1395 CAAGCTGTTCAGTTTGAG 1413
    ||||| ||||| ||||| ||
Db 1 CAAGCGGTAGCAGTGTCTAG 19

RESULT 1166
US-07-952-277A-21/c
; Sequence 21, Application US/07952277A
; Patent No. 5861504
; GENERAL INFORMATION:
; APPLICANT: Drs. Mihael H. Polymeropoulos
; APPLICANT: and Carl R. Merrill
; TITLE OF INVENTION: ELEVEN HIGHLY INFORMATIVE
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lowe, Price, LeBlanc & Becker
; STREET: Suite 300, 99 Canal Center Plaza
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: DOS Text File
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/952,277A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: D.J. Mills
; REGISTRATION NUMBER: 34506
; REFERENCE/DOCKET NUMBER: 717081C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703 684 1111
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-952-277A-21

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 949 TACTGCCACCGCAGAGG 967
    ||||| ||||| ||||| ||
Db 19 TACAGCCACAGGAAGATGG 1

RESULT 1167
US-08-286-846A-22/c
; Sequence 22, Application US/08286846A
; Patent No. 5877016
; GENERAL INFORMATION:
; APPLICANT: Presta, Leonard G.
; APPLICANT: Shelton, David L.
; APPLICANT: Urfer, Roman
; TITLE OF INVENTION: Human trk Receptors and Neurotrophic Factor Inhibitors
```

```
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/286,846A
; FILING DATE: 05-Aug-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, PhD., Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: P0873P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-8674
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
US-08-286-846A-22

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 829 CTCACCCCTTGCTTTGAGT 847
    ||||| ||||| ||||| ||
Db 19 CTCACCCCTTGCGCTGGCGT 1

RESULT 1168
US-08-500-860A-10
; Sequence 10, Application US/08500860A
; Patent No. 5891679
; GENERAL INFORMATION:
; APPLICANT: LUCAS, RUDOLPH
; APPLICANT: DE BAETSELIER, PATRICK
; APPLICANT: FRANSEN, LUCIE
; APPLICANT: SABLON, ERWIN
; TITLE OF INVENTION: TNF-MUTEINS, A PROCESS FOR PREPARING THEM AND
; TITLE OF INVENTION: THEIR USE AS ACTIVE SUBSTANCES IN PHARMACEUTICAL COMPOSITIONS
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHUYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/500,860A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BYRNE, THOMAS E.
; REGISTRATION NUMBER: 32,205
```

;/ REFERENCE/DOCKET NUMBER: 1487-8
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (703)816-4000
;/ TELEFAX: (703)816-4100
;/ TELEX: 200797 NIXN UR
;/ INFORMATION FOR SEQ ID NO: 10:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 19 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: DNA (genomic)
;/ HYPOTHETICAL: NO
;/ ANTI-SENSE: YES
;/ US-08-500-860A-10

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1639 CAGCGCTGGAGGATGCC 1657
|||||
Db 1 CAGCGCTGCAGGGGTGC 19

RESULT 1169
US-08-855-449-18
;/ Sequence 18, Application US/08855449
;/ Patent No. 5910412
;/ GENERAL INFORMATION:
;/ APPLICANT: AKAMATSU, TOYOKAZU
;/ APPLICANT: SUZUKI, TAKAO
;/ TITLE OF INVENTION: METHOD FOR IDENTIFYING THE SEX OF
;/ TITLE OF INVENTION: SPINACH BY DNA MARKERS
;/ NUMBER OF SEQUENCES: 24
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
;/ ADDRESSEE: P.C.
;/ STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400
;/ CITY: ARLINGTON
;/ STATE: VA
;/ COUNTRY: USA
;/ ZIP: 22202
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Floppy disk
;/ COMPUTER: IBM PC compatible
;/ OPERATING SYSTEM: PC-DOS/MS-DOS
;/ SOFTWARE: Patent In Release #1.0, Version #1.30
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/855,449
;/ FILING DATE: 13-MAY-1997
;/ CLASSIFICATION: 435
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: JP 119124/1996
;/ FILING DATE: 14-MAY-1996
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: OBLON, NORMAN F.
;/ REGISTRATION NUMBER: 24,618
;/ REFERENCE/DOCKET NUMBER: 7828-0003-0
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: 703-413-3000
;/ TELEFAX: 703-413-2220
;/ INFORMATION FOR SEQ ID NO: 18:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 19 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: other nucleic acid
;/ DESCRIPTION: /desc = "SYNTHETIC DNA"
;/ US-08-855-449-18

Query Match 0.7%; Score 12.6; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 995 ACTGCTCATCAACGAGAG 1013
|||||
Db 1 ACCAGTTTCATAAAGAGAG 19

RESULT 1170
US-08-457-880A-22/c
;/ Sequence 22, Application US/08457880A
;/ Patent No. 5910574
;/ GENERAL INFORMATION:
;/ APPLICANT: Leonard G. Presta
;/ APPLICANT: David L. Shelton
;/ APPLICANT: Roman Urfer
;/ TITLE OF INVENTION: HUMAN trk RECEPTORS AND NEUROTROPHIC FACTOR
;/ TITLE OF INVENTION: INHIBITORS
;/ NUMBER OF SEQUENCES: 41
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Genentech, Inc.
;/ STREET: 1 DNA Way
;/ CITY: South San Francisco
;/ STATE: California
;/ COUNTRY: USA
;/ ZIP: 94080
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
;/ COMPUTER: IBM PC compatible
;/ OPERATING SYSTEM: PC-DOS/MS-DOS
;/ SOFTWARE: WinPatin (Genentech)
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/457,880A
;/ FILING DATE:
;/ CLASSIFICATION:
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/444,622
;/ FILING DATE: 19-May-1995
;/ APPLICATION NUMBER: 08/286846
;/ FILING DATE:
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Torchia, PhD., Timothy E.
;/ REGISTRATION NUMBER: 36,700
;/ REFERENCE/DOCKET NUMBER: P0873PIC3
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: 650/225-8674
;/ TELEFAX: 650/952-9881
;/ INFORMATION FOR SEQ ID NO: 22:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 19 base pairs
;/ TYPE: Nucleic Acid
;/ STRANDEDNESS: Single
;/ TOPOLOGY: Linear
;/ US-08-457-880A-22

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 829 CTCACCCCTTGTCTTTGAGT 847
|||||
Db 19 CTCACCCCTTGGCCTGGCGT 1

RESULT 1171
US-08-649-991-33/c
;/ Sequence 33, Application US/08649991
;/ Patent No. 5919462
;/ GENERAL INFORMATION:
;/ APPLICANT: Narwa, Remy
;/ APPLICANT: Rogues, Pierre
;/ TITLE OF INVENTION: NUCLEIC ACID FRAGMENTS DERIVED FROM THE
;/ TITLE OF INVENTION: HIV-1 VIRUS GENOME, CORRESPONDING PEPTIDES AND THEIR

;; TITLE OF INVENTION: APPLICATIONS AS REAGENTS FOR EVALUATION OF THE RISK OF
;; TITLE OF INVENTION: MATERNOFETAL TRANSMISSION OF HIV-1

;; NUMBER OF SEQUENCES: 130

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: MORGAN, LEWIS & BOCKIUS LLP

;; STREET: 1800 M Street, N.W.

;; CITY: Washington

;; STATE: D.C.

;; COUNTRY: USA

;; ZIP: 20036-5869

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: Floppy disk

;; COMPUTER: IBM PC compatible

;; OPERATING SYSTEM: PC-DOS/MS-DOS

;; SOFTWARE: PatentIn Release #1.0, Version #1.30

;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/649,991

;; FILING DATE: 17-MAY-1996

;; CLASSIFICATION: 435

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: FR 9505914

;; FILING DATE: 18-MAY-1995

;; ATTORNEY/AGENT INFORMATION:

;; NAME: Adler, Reid G.

;; REGISTRATION NUMBER: 30,988

;; REFERENCE/DOCKET NUMBER: ORES-5003

;; TELECOMMUNICATION INFORMATION:

;; TELEPHONE: 202-467-7000

;; TELEFAX: 202-467-7176

;; INFORMATION FOR SEQ ID NO: 33:

;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 19 base pairs

;; TYPE: nucleic acid

;; STRANDEDNESS: single

;; TOPOLOGY: linear

;; MOLECULE TYPE: other nucleic acid

;; DESCRIPTION: /desc = "probe"

US-08-649-991-33

Query Match 0.7%; Score 12.6; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 7.3e+02;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1221 GGTGGAGGACAGCTAC 1239

DB 19 GGTAGAGGAGGCAAAAC 1

RESULT 1172

US-08-910-408-44

;; Sequence 44, Application US/08910408

;; Patent No. 5972704

;; GENERAL INFORMATION:

;; APPLICANT: Kenneth G. Draper

;; APPLICANT: Bharat Chowhira

;; APPLICANT: James McSwiggen

;; APPLICANT: Dan T. Stinchcomb

;; APPLICANT: James D. Thompson

;; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING

;; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS

;; TITLE OF INVENTION: REPLICATION

;; NUMBER OF SEQUENCES: 232

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Lyon & Lyon

;; STREET: 633 West Fifth Street

;; STREET: Suite 4700

;; CITY: Los Angeles

;; STATE: California

;; COUNTRY: U.S.A.

;; ZIP: 90071

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

;; MEDIUM TYPE: storage

;; COMPUTER: IBM Compatible

;; OPERATING SYSTEM: IBM P.C. DOS 5.0

;; SOFTWARE: FastSEQ Version 1.5

;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/910,408

;; FILING DATE:

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: 08/271,880

;; FILING DATE: July 7, 1994

;; APPLICATION NUMBER: 08/103,243

;; FILING DATE: August 6, 1993

;; APPLICATION NUMBER: 07/882,886

;; FILING DATE: May 14, 1992

;; ATTORNEY/AGENT INFORMATION:

;; NAME: Warburg, Richard

;; REGISTRATION NUMBER: 32,327

;; REFERENCE/DOCKET NUMBER: 206/116

;; TELECOMMUNICATION INFORMATION:

;; TELEPHONE: (213) 489-1600

;; TELEFAX: (213) 955-0440

;; TELEX: 67-3510

;; INFORMATION FOR SEQ ID NO: 44:

;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 19 base pairs

;; TYPE: nucleic acid

;; STRANDEDNESS: single

;; TOPOLOGY: linear

US-08-910-408-44

Query Match 0.7%; Score 12.6; DB 1; Length 19;

Best Local Similarity 68.4%; Pred. No. 7.3e+02;

Matches 13; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 1051 GCCAAGTCAATCCCAACAA 1069

DB 1 GCUAAUUCACUCCCAACGA 19

RESULT 1173

US-08-444-622A-22/c

;; Sequence 22, Application US/08444622A

;; Patent No. 6025166

;; GENERAL INFORMATION:

;; APPLICANT: Leonard G. Presta

;; APPLICANT: David L. Shelton

;; APPLICANT: Roman Ufer

;; TITLE OF INVENTION: HUMAN trk RECEPTORS AND NEUROTROPHIC FACTOR INHIBITORS

;; NUMBER OF SEQUENCES: 41

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Genentech, Inc.

;; STREET: 1 DNA Way

;; CITY: South San Francisco

;; STATE: California

;; COUNTRY: USA

;; ZIP: 94080

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

;; COMPUTER: IBM PC compatible

;; OPERATING SYSTEM: PC-DOS/MS-DOS

;; SOFTWARE: WinPatIn (Genentech)

;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/444,622A

;; FILING DATE: 19-May-1995

;; CLASSIFICATION: 424

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: 08/286846

;; FILING DATE: 5

;; ATTORNEY/AGENT INFORMATION:

;; NAME: Torchia, Phd., Timothy E.

;; REGISTRATION NUMBER: 36,700

;; REFERENCE/DOCKET NUMBER: P0873PlC3

;; TELECOMMUNICATION INFORMATION:

;; TELEPHONE: 650/225-8674

```
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
US-08-444-622A-22

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 829 CTCACCCCTTGTCTTTGAGT 847
Db 19 CTCACCCCTTGGCCTGGCGT 1

RESULT 1174
US-08-942-562-22/c
; Sequence 22, Application US/08942562
; Patent No. 6027927
; GENERAL INFORMATION:
; APPLICANT: Presta, Leonard G.
; APPLICANT: Shelton, David L.
; APPLICANT: Urfer, Roman
; TITLE OF INVENTION: Human trk Receptors and Neurotrophic
; TITLE OF INVENTION: Factor Inhibitors
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/942,562
; FILING DATE: 01-OCT-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/444,597
; FILING DATE: 19-May-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, PhD., Timothy E.
; REGISTRATION NUMBER: 36,700
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-8674
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
US-08-942-562-22

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 829 CTCACCCCTTGTCTTTGAGT 847
Db 19 CTCACCCCTTGGCCTGGCGT 1

; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
US-07-982-759F-131
; Sequence 131, Application US/07982759F
; Patent No. 6057123
; GENERAL INFORMATION:
; APPLICANT: CRAIG, Stewart
; APPLICANT: GEORGE, Michael
; APPLICANT: EDWARDS, Richard Mark
; APPLICANT: CZAPLEWSKI, Lloyd George
; APPLICANT: GILBERT, Richard
; TITLE OF INVENTION: Stem Cell Inhibiting Proteins
; NUMBER OF SEQUENCES: 178
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HALE and DORR LLP
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/982,759F
; FILING DATE: 08-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9127319.3
; FILING DATE: 23-DEC-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9221587.0
; FILING DATE: 14-OCT-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, HOLLIE L.
; REGISTRATION NUMBER: 31,321
; REFERENCE/DOCKET NUMBER: 102378.120
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-526-6000
; TELEFAX: 617-526-5000
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: /product= "BB9501 oligomer"
US-07-982-759F-131

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1395 CAAGCTGTTTCAGTTTCAG 1413
Db 1 CAAGCGGTAGCAGTGTGAG 19

RESULT 1176
US-08-573-186-6
; Sequence 6, Application US/08573186
; Patent No. 6093540
; GENERAL INFORMATION:
; APPLICANT: van der Bruggen, Pierre; Boon-Falleur,
; APPLICANT: Thierry; Coulie, Pierre; Renaud, Jean-Christophe
; TITLE OF INVENTION: ISOLATED NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: CODING FOR BAGE TUMOR REJECTION ANTIGEN PRECURSORS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
```

STREET: 805 Third Avenue
CITY: New York City
STATE: New York
COUNTRY: USA
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/573,186
FILING DATE: 15-DEC-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/079,110
FILING DATE: 17-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 6093540man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5310
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-573-186-6

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 841 TTGTGATACCTGGACAAGG 859
Db 1 TTAGAGCAGGAGGAGG 19

RESULT 1177
US-09-156-923-22/c
Sequence 22, Application US/09156923
Patent No. 6153189
GENERAL INFORMATION:
APPLICANT: Presta, Leonard G.
APPLICANT: Shelton, David L.
APPLICANT: Urfer, Roman
TITLE OF INVENTION: Human trk Receptors and Neurotrophic Factor Inhibitors
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: California
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinFatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/156,923
FILING DATE: 18-SEP-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/359,705
FILING DATE: 20-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/286846
FILING DATE: 10-AUG-1994

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/215139
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Ginger
REGISTRATION NUMBER: 33,055
REFERENCE/DOCKET NUMBER: GENENT.33CP2C1
TELEPHONE: 949/760-0404
TELEFAX: 949/760-9502
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-09-156-923-22
Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 829 CTCACCCCTTGCTTTGAGT 847
Db 19 CTCACCCCTTGCGCTGGCGT 1
RESULT 1178
US-09-249-215-44
Sequence 44, Application US/09249215
Patent No. 6159692
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
Bharat Chowira
James McSwiggen
Dan T. Stinchcomb
James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
HUMAN IMMUNODEFICIENCY VIRUS
REPLICATION
NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/249,215
FILING DATE: 12-FEB-1999
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/910,408
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/103,243
FILING DATE: August 6, 1993
APPLICATION NUMBER: 07/862,886
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 206/116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510


```
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-14883 for SEQ 480,
US-09-422-978-4414

Query Match          0.7%   Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1526 TTCAGCTACAAAAGGAGGC 1544
    ||| ||||| |||||
Db 1 TTCCGCTACAGAGGTGAC 19

RESULT 1187
US-09-422-978-5162
; Sequence 5162, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPl
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5162
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-2214 for SEQ 1228,
US-09-422-978-5162

Query Match          0.7%   Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1142 CCACTCAGATTGACATGTG 1160
    ||| ||||| |||||
Db 1 CCATTGAGATTCAAAATGAG 19

RESULT 1188
US-09-422-978-5182
; Sequence 5182, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPl
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
```

```
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5182
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-22266 for SEQ 1248,
US-09-422-978-5182

Query Match          0.7%   Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1074 ATACTCAATGAGTGTGTG 1092
    ||| ||||| |||||
Db 1 ATAATGCAATGATGTGGAG 19

RESULT 1189
US-09-422-978-6575/c
; Sequence 6575, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPl
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6575
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-12468 for SEQ 2641,
US-09-422-978-6575

Query Match          0.7%   Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1570 GACTCAGCGAGCCAGCTT 1588
    ||||| ||||| |||||
Db 19 GACTCAGAGGGCAAGATT 1

RESULT 1190
US-09-422-978-6717/c
; Sequence 6717, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPl
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
```

```
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6717
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-18581 for SEQ 2783,
US-09-422-978-6717
```

```
Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 351 GGGGCTCTGATGGGAGACT 369
Db 19 GGCATCTGAGGGGAGAAAT 1
```

```
RESULT 1191
US-09-422-978-7357/c
; Sequence 7357, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7357
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-3944 for SEQ 3423,
US-09-422-978-7357
```

```
Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
Qy 25 GGAATGCAGAGTAGGCAG 43
Db 19 GGAATGAAAGGTTGGGAAG 1
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```
RESULT 1192
US-09-422-978-7573
; Sequence 7573, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
```

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; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7573
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-8274 for SEQ 3639,
US-09-422-978-7573
```

```
Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 1513 GCACATAAGGAGATTCAGC 1531
Db 1 GGAATAGATAGATTTCAGC 19
```

```
RESULT 1193
US-09-422-978-11512
; Sequence 11512, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11512
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-882 for SEQ 3647, in complement
US-09-422-978-11512
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Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 224 ATGAGAGTGTGGTGTGG 242
Db 1 ATGATAGTTTGTGATGTGG 19
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```
RESULT 1194
US-09-060-299-387
; Sequence 387, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
```

APPLICANT: Cox, Roger D
APPLICANT: Gerhold, David
APPLICANT: Hammond, Holly
APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshihiko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 6545137el Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER:
FILING DATE: 15-APR-1997
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/043,553
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 387:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-060-299-387

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 775 CTCAAACAGCCCAACATCG 793
Db 1 CTGGAAGATGCCAATCG 19

RESULT 1195
US-09-060-299-401
Sequence 401, Application US/09060299
Patent No. 6545137
GENERAL INFORMATION:
APPLICANT: Todd, John A
APPLICANT: Hess, John W
APPLICANT: Caskey, Charles T
APPLICANT: Cox, Roger D
APPLICANT: Gerhold, David
APPLICANT: Hammond, Holly
APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshihiko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 6545137el Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye

STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER:
FILING DATE: 15-APR-1997
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/043,553
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 401:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-060-299-401

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 775 CTCAAACAGCCCAACATCG 793
Db 1 CTGGAAGATGCCAATCG 19

RESULT 1196
US-09-402-923A-387
Sequence 387, Application US/09402923A
Patent No. 6555654
GENERAL INFORMATION:
APPLICANT: Todd, John A
APPLICANT: Hess, John W
APPLICANT: Caskey, Charles T
APPLICANT: Cox, Roger D
APPLICANT: Gerhold, David
APPLICANT: Hammond, Holly
APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshihiko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 6555654el LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:

ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 401:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 387:
US-09-402-923A-387

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 775 CTCAAACACGCCAACATCG 793
Db 1 CTGGAAGATGCCAACATCG 19

RESULT 1197

US-09-402-923A-401
Sequence 401, Application US/09402923A
Patent No. 655654
GENERAL INFORMATION:
APPLICANT: Todd, John A
Hess, John W
Caskey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. 655654e1 LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 655654th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997

ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 401:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 401:
US-09-402-923A-401

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 775 CTCAAACACGCCAACATCG 793
Db 1 CTGGAAGATGCCAACATCG 19

RESULT 1198

US-10-112-547-17/c
Sequence 17, Application US/10112547
Patent No. 6579674
GENERAL INFORMATION:
APPLICANT: Miles, Vincent J.
Mathews, Michael B.
Katze, Michael G.
Witherell, Gary
Watson, Julia C.
TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
OF VIRAL REPLICATION
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036/2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/112,547
FILING DATE: 28-Mar-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,816B
FILING DATE: 01-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7960-030
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 17:

US-10-112-547-17

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 543 CTTTGACAGCCCTCAGC 561
||||| ||| ||| |||
Db 19 CTTTGATGAGCTCTTCAGC 1

RESULT 1199

US-10-112-241-17/c

; Sequence 17, Application US/10112241

; Patent No. 6623961

; GENERAL INFORMATION:

; APPLICANT: Miles, Vincent J.

; Mathews, Michael B.

; Katze, Michael G.

; Witherell, Gary

; Watson, Julia C.

; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION

; OF VIRAL REPLICATION

; NUMBER OF SEQUENCES: 33

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie & Edmonds

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: USA

; ZIP: 10036/2711

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSeq Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/112,241

; FILING DATE: 28-Mar-2002

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/221,816B

; FILING DATE: 01-APR-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Coruzzi, Laura A

; REGISTRATION NUMBER: 30,742

; REFERENCE/DOCKET NUMBER: 7960-030

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 790-9090

; TELEFAX: (212) 869-8864

; TELEX: 66141 PENNIE

; INFORMATION FOR SEQ ID NO: 17:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 19 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

; SEQUENCE DESCRIPTION: SEQ ID NO: 17:

US-10-112-241-17

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 543 CTTTGACAGCCCTCAGC 561
||||| ||| ||| |||
Db 19 CTTTGATGAGCTCTTCAGC 1

RESULT 1200

US-10-104-611-17/c

; Sequence 17, Application US/10104611

; Patent No. 6667152

; GENERAL INFORMATION:

; APPLICANT: Miles, Vincent J.

; Mathews, Michael B.

; Katze, Michael G.

; Witherell, Gary

; Watson, Julia C.

; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION

; OF VIRAL REPLICATION

; NUMBER OF SEQUENCES: 33

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie & Edmonds

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: USA

; ZIP: 10036/2711

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSeq Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/104,611

; FILING DATE: 22-Mar-2002

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/221,816B

; FILING DATE: 01-APR-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Coruzzi, Laura A

; REGISTRATION NUMBER: 30,742

; REFERENCE/DOCKET NUMBER: 7960-030

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 790-9090

; TELEFAX: (212) 869-8864

; TELEX: 66141 PENNIE

; INFORMATION FOR SEQ ID NO: 17:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 19 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

; SEQUENCE DESCRIPTION: SEQ ID NO: 17:

; US-10-104-611-17

Query Match 0.7%; Score 12.6; DB 1; Length 19;

Best Local Similarity 78.9%; Pred. No. 7.3e+02;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 543 CTTTGACAGCCCTCAGC 561

||||| ||| ||| |||

Db 19 CTTTGATGAGCTCTTCAGC 1

RESULT 1201

US-09-672-717-17

; Sequence 17, Application US/09672717

; Patent No. 6673917

; GENERAL INFORMATION:

; APPLICANT: Korneluk, Robert G.

; APPLICANT: LaCasse, Eric

; APPLICANT: Baird, Stephen

; APPLICANT: Holcik, Martin

; APPLICANT: Young, Sean

; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses

; OF INVENTION: Thereof

; FILE REFERENCE: 07891/025001

; CURRENT APPLICATION NUMBER: US/09/672,717

; CURRENT FILING DATE: 2000-09-28

; NUMBER OF SEQ ID NOS: 231

; SOFTWARE: FastSeq for Windows Version 4.0

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; SEQ ID NO 17
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-09-672-717-17

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 449 TCTCCACTGAGGACATCAA 467
Db 1 TATCCACTTAGACATAAA 19

RESULT 1202
US-09-672-717-38/c
; Sequence 38, Application US/09672717
; Patent No. 6673917
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: 07891/025001
; CURRENT APPLICATION NUMBER: US/09/672,717
; CURRENT FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 38
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-09-672-717-38

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1569 TGACTCAGCGAGGCCAGCT 1587
Db 19 TGCCTTAGACAGGCCATCT 1

RESULT 1203
US-09-672-717-118
; Sequence 118, Application US/09672717
; Patent No. 6673917
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: 07891/025001
; CURRENT APPLICATION NUMBER: US/09/672,717
; CURRENT FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 118
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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```
; OTHER INFORMATION: based on Homo sapiens
US-09-672-717-118

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1620 AGACCGAGGCCCGCAGCAGG 1638
Db 1 AGACAGGAAACCCAGCAGG 19

RESULT 1204
US-09-672-717-214/c
; Sequence 214, Application US/09672717
; Patent No. 6673917
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: 07891/025001
; CURRENT APPLICATION NUMBER: US/09/672,717
; CURRENT FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 214
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-09-672-717-214

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 560 GCCCGCGCTCCGTCGTGT 578
Db 19 GCCTCCGACTCCGTCCTCT 1

RESULT 1205
US-09-818-780-80/c
; Sequence 80, Application US/09818780
; Patent No. 6677146
; GENERAL INFORMATION:
; APPLICANT: McHenry, Charles
; TITLE OF INVENTION: NOVEL THERMOPHILIC POLYMERASE III HOLOENZYME
; FILE REFERENCE: 1794.0030004
; CURRENT APPLICATION NUMBER: US/09/818,780
; CURRENT FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: US 60/192,736
; PRIOR FILING DATE: 2000-03-28
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 80
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: reverse/antisense ATG primer #P133-A1237
US-09-818-780-80

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 19 TGGACAGGATGCAGAGGT 37
```



```
Db 19 TGGACTGGAAGCGCGGT 1
||||| ||||| ||||| |||||
; TITLE OF INVENTION: MICROSTELLITE MARKERS FOR PLANTS OF THE SPECIES
; TITLE OF INVENTION: TRITICUM AESTIVUM AND TRIBE TRITICAE AND THE USE OF
; TITLE OF INVENTION: SAID MARKERS
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983.605A
; CURRENT FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 78
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-08-983-605-78

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 891 CATCATCAACATGCACAAC 909
||||| ||||| ||||| |||||
Db 1 CATCGGCACATGCTCATC 19

RESULT 1207
US-09-696-791-166
; Sequence 166, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 166
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-166

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 760 TCCTGCTCAAGGACCTCA 778
||||| ||||| ||||| |||||
Db 1 TCCTGCTTAAGGACCTTA 19

RESULT 1208
US-09-696-791-218
; Sequence 218, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 226
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens

; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 218
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-218

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 982 CTCAGCCCGAGAACCTGC 1000
||||| ||||| ||||| |||||
Db 1 CTTAAACCTCAGAACTGTC 19

RESULT 1209
US-09-696-791-219
; Sequence 219, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 219
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-219

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 988 CCCGAGAACCTGCTCATCA 1006
||||| ||||| ||||| |||||
Db 1 CCTCAGAACTGCTTATTA 19

RESULT 1210
US-09-696-791-226
; Sequence 226, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 226
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
```

; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site
US-09-696-791-226

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1028 TGGCTGACTTGGCTGTC 1046
| | | | | | | | | | | | | | | | | | |
Db 1 TAGCAGACTTTGGACTAGC 19

RESULT 1211

US-09-696-791-238
; Sequence 238, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:

; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 238
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site

US-09-696-791-238

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1094 CACTGTGTACGGCCCC 1112
| | | | | | | | | | | | | | | | | | |
Db 1 CCCTGTGTACGAGCTCC 19

RESULT 1212

US-09-696-791-239
; Sequence 239, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:

; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 239
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk2 ribozyme binding site

US-09-696-791-239

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1102 TACGGCCCCCTGACATCC 1120
| | | | | | | | | | | | | | | | | | |
Db 1 TACCGAGCTCCTGAATCC 19

RESULT 1213

US-09-696-791-314
; Sequence 314, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:

; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 314
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-314

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 752 GGGAGTGTCCCTGCTCAA 770
| | | | | | | | | | | | | | | | | | |
Db 1 GGGAGATCTCGTGTCAA 19

RESULT 1214

US-09-696-791-346
; Sequence 346, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:

; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 346
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-346

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1014 GGGAGAGCTCAAGCTGGCT 1032
| | | | | | | | | | | | | | | | | | |
Db 1 GGGTGCCATCAAGCTGGCT 19

RESULT 1215

US-09-696-791-353
; Sequence 353, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:

; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES

```

; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 353
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; / OTHER INFORMATION: Cdk3 ribozyme binding
US-09-696-791-353

```

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1096 CTGTGGTACCGGCCCTG 1114
 ||||| | | | |
Db 1 CTGTGGTATCGGCCCTG 19

RESULT 1216

```

RECORD 1216
US-09-696-791-359
; Sequence 359, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY
; TITLE OF INVENTION: SKIN AND EYE DIS
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/69
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 359
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme bi
US-09-696-791-359

```

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1602 CACCGAGTTCTAAGCCACA 1620
||| ||| ||| ||| ||| ||| |||
Db 1 CAGCAAGTTCATACCACA 19

RESULT 1217

```

RESOLUT 1217
US-09-696-791-472
; Sequence 472, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 472
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk4 ribozyme binding site

```

US-09-696-791-472

Query Match	0.7%	Score 12.6;	DB 1;	Length 19;
Best Local Similarity	78.9%	Pred. No. 7.3e+02;		
Matches 15; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

Qy	1084	GAGGTGGTGACACTGTGGT	1102
D _b	1	GTGGTTGTTACACTCTGGT	19

RESULT 1218

```

US-09-696-791-474
; Sequence 474, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 474
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk4 ribozyme binding site
US-09-696-791-474

```

```
Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

QY
pb

1094 CACTGTGTTACCGGCCCC 1112
|||||
1 CACTCTGGTACCGAGCTCC 19

RESIST. 1279

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US-09-696-791-539
; Sequence 539, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tricz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 539
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk6 ribozyme binding site
US-09-696-791-539

```

```
Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. NO. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

QY 741 CACCGCCATCCGGGAAGTG 759
| | | | |
pb 1 CTCACCATCCGCGAGGTG 19

```
RESULT 1220
US-09-696-791-567
; Sequence 567, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 567
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk6 ribozyme binding site
US-09-696-791-567

Query Match      0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 925 TTCCAGCTGCTCCGCGGCC 943
Db 1 TTTCAGCTTCTCCGAGGTC 19

RESULT 1221
US-09-696-791-720
; Sequence 720, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 720
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk7 ribozyme binding site
US-09-696-791-720

Query Match      0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 834 CCTTGCTCTTTCAGTACCTG 852
Db 1 CCTTGCTCTTTCAGTATTATG 19

RESULT 1222
US-09-696-791-979
; Sequence 979, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
```

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; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 979
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk8 ribozyme binding site
US-09-696-791-979

Query Match      0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1088 TGGTGACACTGTGTACCG 1106
Db 1 TTGTACATTCTGTGTACCG 19

RESULT 1223
US-09-696-791-981
; Sequence 981, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 981
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk8 ribozyme binding site
US-09-696-791-981

Query Match      0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1094 CACTGTGTACCGGCCCCC 1112
Db 1 CATTGTGTACCGAGCCCC 19

RESULT 1224
US-09-696-791-1220
; Sequence 1220, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1220
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk-we-hu ribozyme binding site
US-09-696-791-1220
```

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 282 TGGGAACATTCGTTCTCA 300
||| ||| ||| ||| ||| ||| |||
Db 1 TGGAGAATTGGTCTCTGA 19

RESULT 1225

US-09-696-791-1920
; Sequence 1920, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1920
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D2 ribozyme binding site
US-09-696-791-1920

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1161 GGGTGTGGGCTGCATCTC 1179
||| | ||| ||| ||| |||
Db 1 GGGTGTGTCTGCATGTTC 19

RESULT 1226

US-09-696-791-1957/c
; Sequence 1957, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1957
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D2 ribozyme binding site
US-09-696-791-1957

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1117 ATCTGTCTGGGTCACCG 1135
||| ||| ||| ||| ||| ||| |||
Db 19 ATCTGTGGAGCCACAG 1

RESULT 1227

US-09-696-791-2010

; Sequence 2010, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2010
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D3 ribozyme binding site
US-09-696-791-2010

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 274 GCTGCTCCTGGGAATTC 292
||| ||| ||| ||| ||| ||| |||
Db 1 GCTGCTCCTAGGAAGCTC 19

RESULT 1228

US-09-696-791-2367
; Sequence 2367, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2367
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
US-09-696-791-2367

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1459 TTCTCAGTCTGGGGAGC 1477
||| ||| ||| ||| ||| ||| |||
Db 1 TTCTCAGTCTCGTGAGC 19

RESULT 1229

US-09-696-791-2368
; Sequence 2368, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523

```
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2368
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
US-09-696-791-2368

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1461 CCTCAGTCTGGGGAGCGG 1479
Db 1 CTTACGTCGCTGAGCGG 19

RESULT 1230
US-09-696-791-2541
; Sequence 2541, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2541
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
US-09-696-791-2541

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 980 ACCTCAGCCCCCAGACCT 998
Db 1 ACCGCAAGTCCCAAGCT 19

RESULT 1231
US-09-696-791-2543/c
; Sequence 2543, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2543
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
US-09-696-791-2543

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
```

```
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 641 AGGTACCTATGCCACCGT 659
Db 19 AGGCCCCCAAGCCACCGT 1

RESULT 1232
US-09-696-791-2656/c
; Sequence 2656, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2656
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin G1 ribozyme binding site
US-09-696-791-2656

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 603 GAAACTGGAGACTACATT 621
Db 19 GAAACCGTAAACCTATATT 1

RESULT 1233
US-09-696-791-3002
; Sequence 3002, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3002
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin A1 ribozyme binding site
US-09-696-791-3002

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 236 GTGCTGGCGGACGTGACCC 254
Db 1 GTGCTGCTACAGTGGCCC 19

RESULT 1234
US-09-696-791-3129/c
; Sequence 3129, Application US/09696791
; Patent No. 6770633
```

```
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3129
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin A1 ribozyme binding site
US-09-696-791-3129

Query Match      0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      862 CTGAAGCAGTACCTGGATG 880
Db      19 CTGAAGGAGAACTGGTTG 1

RESULT 1235
US-09-696-791-3185
; Sequence 3185, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3185
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin A1 ribozyme binding site
US-09-696-791-3185

Query Match      0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      362 GGGAGAGTGACCGGCTTC 380
Db      1 GGGAGAAGTACAGGCTTC 19

RESULT 1236
US-09-696-791-3578
; Sequence 3578, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3578
```

```
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3578

Query Match      0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      1239 CTTTCATCTTCGGTATCTTA 1257
Db      1 CTCGATCTTCGAATCTTA 19

RESULT 1237
US-09-696-791-3590
; Sequence 3590, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3590
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3590

Query Match      0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      603 GAAACTGGAGACCTACATT 621
Db      1 GAACTGGTCACCTGGATT 19

RESULT 1238
US-09-696-791-3644
; Sequence 3644, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3644
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3644

Query Match      0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```



```
Sequence 24, Application PC/TUS9304863
GENERAL INFORMATION:
APPLICANT: Ronald L. Marshall
APPLICANT: John J. Carrino
APPLICANT: Joann C. Sustacheck
APPLICANT: ABBOTT LABORATORIES
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
TITLE OF INVENTION: USING THE LIGASE CHAIN REACTION
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: One Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/04863
FILING DATE: 19930524
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/891,543
FILING DATE: 29 MAY 1992
ATTORNEY/AGENT INFORMATION:
NAME: Thomas D. Brainard
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5172.PC.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-4884
TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid (synthetic DNA)
PCT-US93-04863-24

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 182 GCATGACACAGCAACCAATGG 200
Db 19 GCAGGGGCAGGCCCAATGG 1

RESULT 1243
US-09-679-299A-53/c
Sequence 53, Application US/09679299A
Patent No. 6566135
GENERAL INFORMATION:
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
FILE REFERENCE: RTS-0187
CURRENT APPLICATION NUMBER: US/09/679,299A
CURRENT FILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 164
SEQ ID NO 53
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-53
```

```
Query Match 0.7%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 509 GCTACTCTGGAGAGCTGAC 527
Db 20 GCTGCTGCTGGAGCTGAC 2

RESULT 1244
US-08-232-081B-10/c
Sequence 10, Application US/08232081B
Patent No. 5886152
GENERAL INFORMATION:
APPLICANT: NAKATANI, TOMOYUKI
APPLICANT: GOMI, HIDEYUKI
APPLICANT: WUJENES, JOHN
APPLICANT: NOGUCHI, HIROSHI
TITLE OF INVENTION: HUMANIZED B-B10
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
STREET: PO BOX 747
CITY: FALLS CHURCH
STATE: VA
COUNTRY: USA
ZIP: 22040-0747
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/08/232,081B
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: SVENSSON, LEONARD R
REGISTRATION NUMBER: 30,330
REFERENCE/DOCKET NUMBER: 20-3484
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
TELEFAX: (703) 205-8050
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-232-081B-10

Query Match 0.7%; Score 12.6; DB 1; Length 22;
Best Local Similarity 78.9%; Pred. No. 9.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1394 CCAAGCTGTTGCAGTTTGA 1412
Db 22 CCTGACTGCTGCAGTTTGA 4

RESULT 1245
US-09-647-344A-3/c
Sequence 3, Application US/09647344A
Patent No. 6586180
GENERAL INFORMATION:
APPLICANT: Ruffner, Duane E.
APPLICANT: Pierce, Michael L.
APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678.PCT.US
CURRENT APPLICATION NUMBER: US/09/647,344A
```

; CURRENT FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; NUMBER OF SEQ ID NOS: 50
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion lib
US-09-647-344A-3

Query Match 0.7%; Score 12.6; DB 1; Length 23;
Best Local Similarity 78.9%; Pred. No. 9.7e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1020 GCTCAAGCTGGCTGACTTT 1038
DB 23 GCTGAAGCTTGGTGACTGT 5

RESULT 1246
US-08-985-162-1803
; Sequence 1803, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 1803:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-1803

Query Match 0.7%; Score 12.4; DB 1; Length 14;
Best Local Similarity 71.4%; Pred. No. 4.9e+02;

Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
QY 1565 TGCTGACTCAGGC 1578
DB 1 UGCCGCGCCAGGC 14

RESULT 1247
US-09-230-652-38/c
; Sequence 38, Application US/09230652A
; Patent No. 6537775
; GENERAL INFORMATION:
; APPLICANT: Tourner-Lasserve, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; TITLE OF INVENTION: THERAPEUTIC APPLICATION
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/09/230,652A
; CURRENT FILING DATE: 1999-05-17
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 97 04680
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 38
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-38

Query Match 0.7%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 4.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1639 CAGCGGCTGGAGGG 1652
DB 14 CAGCGTCTGGAGGG 1

RESULT 1248
US-09-401-063-1803
; Sequence 1803, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0

```
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401.063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1803:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-09-401-063-1803
```

```
Query Match 0.7%; Score 12.4; DB 1; Length 14;
Best Local Similarity 71.4%; Pred. No. 4.9e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 1565 TGCTGACTCAGGC 1578
Db 1 UGCCUGCCUAGGC 14
```

```
RESULT 1249
US-08-221-816B-22/c
; Sequence 22, Application US/08221816B
; Patent No. 5738995
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; APPLICANT: Mathews, Michael B.
; APPLICANT: Katze, Michael G.
; APPLICANT: Withersell, Gary
; APPLICANT: Watson, Julia C.
; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
; TITLE OF INVENTION: OF VIRAL REPLICATION
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036/2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221.816B
; FILING DATE: 01-APR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7960-030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
```

```
;
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
;
; US-08-221-816B-22
```

```
Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 1120 CTGCTGGGTCAC 1133
Db 14 CAGCTGGGTCAC 1
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```
RESULT 1250
US-08-590-897A-32
; Sequence 32, Application US/08590897A
; Patent No. 6031071
; GENERAL INFORMATION:
; APPLICANT: Mandeville, Rosemonde
; APPLICANT: Popkov, Mikhail
; TITLE OF INVENTION: METHODS OF GENERATING NOVEL PEPTIDES
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MATHES, COLLINS, SHEPHERD & GOULD P.A.
; STREET: 100 Thanet Circle, Suite 306
; CITY: Princeton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08540-3662
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/590.897A
; FILING DATE: 24-JAN-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Bernstein, Scott N.
; REGISTRATION NUMBER: 38,827
; REFERENCE/DOCKET NUMBER: 3987-102US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-924-8555
; TELEFAX: 609-924-3036
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
;
; US-08-590-897A-32
```

```
Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 1621 GACCGAGGCCAG 1634
Db 2 GGCCGAGGCCAG 15
```

```
RESULT 1251
US-10-112-547-22/c
; Sequence 22, Application US/10112547
; Patent No. 6579674
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; APPLICANT: Mathews, Michael B.
```

;/ Katze, Michael G.
;/ Withereil, Gary
;/ Watson, Julia C.
;/ TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
;/ OF VIRAL REPLICATION
;/
;/ NUMBER OF SEQUENCES: 33
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Pennie & Edmonds
;/ STREET: 1155 Avenue of the Americas
;/ CITY: New York
;/ STATE: New York
;/ COUNTRY: USA
;/ ZIP: 10036/2711
;/
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Diskette
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: DOS
;/ SOFTWARE: FastSEQ Version 2.0
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/10/112,547
;/ FILING DATE: 28-Mar-2002
;/ CLASSIFICATION: <Unknown>
;/
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/221,816B
;/ FILING DATE: 01-APR-1994
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Coruzzi, Laura A
;/ REGISTRATION NUMBER: 30,742
;/ REFERENCE/DOCKET NUMBER: 7960-030
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (212) 790-9090
;/ TELEFAX: (212) 869-8864
;/
;/ INFORMATION FOR SEQ ID NO: 22:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 15 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: RNA
;/ SEQUENCE DESCRIPTION: SEQ ID NO: 22:
;/ US-10-112-547-22

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1120 CTGCTTGGTCCAC 1133
| | | | | | | | | | | | | | | | | |
DB 14 CAGCTTGGTCCAC 1

RESULT 1252
US-10-112-241-22/c
; Sequence 22, Application US/10112241
; Patent No. 6623961
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; Mathews, Michael B.
; Katze, Michael G.
; Withereil, Gary
; Watson, Julia C.
; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
; OF VIRAL REPLICATION
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036/2711
; COMPUTER READABLE FORM:

;/ MEDIUM TYPE: Diskette
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: DOS
;/ SOFTWARE: FastSEQ Version 2.0
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/10/112,241
;/ FILING DATE: 28-Mar-2002
;/ CLASSIFICATION: <Unknown>
;/
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/221,816B
;/ FILING DATE: 01-APR-1994
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Coruzzi, Laura A
;/ REGISTRATION NUMBER: 30,742
;/ REFERENCE/DOCKET NUMBER: 7960-030
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (212) 790-9090
;/ TELEFAX: (212) 869-8864
;/
;/ INFORMATION FOR SEQ ID NO: 22:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 15 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: RNA
;/ SEQUENCE DESCRIPTION: SEQ ID NO: 22:
;/ US-10-112-241-22

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1120 CTGCTTGGTCCAC 1133
| | | | | | | | | | | | | | | | | |
DB 14 CAGCTTGGTCCAC 1

RESULT 1253
US-10-104-611-22/c
; Sequence 22, Application US/10104611
; Patent No. 6667152
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; Mathews, Michael B.
; Katze, Michael G.
; Withereil, Gary
; Watson, Julia C.
; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
; OF VIRAL REPLICATION
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036/2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/104,611
; FILING DATE: 22-Mar-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,816B
; FILING DATE: 01-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; COMPUTER READABLE FORM:

REFERENCE/DOCKET NUMBER: 7960-030
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-10-104-611-22

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1120 CTGCTGGGTCCAC 1133
Db 14 CAGCTTGGGTCCAC 1

RESULT 1254
US-10-109-368-22/c
Sequence 22, Application US/10109368
Patent No. 6771179
GENERAL INFORMATION:
APPLICANT: Miles, Vincent J.
Mathews, Michael B.
Katze, Michael G.
Witherell, Gary
Watson, Julia C.
TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036/2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/109,368
FILING DATE: 27-Mar-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/221,816
FILING DATE: 01-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7960-030
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-10-109-368-22

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1120 CTGCTGGGTCCAC 1133
Db 14 CAGCTTGGGTCCAC 1

RESULT 1255
US-08-281-106-43
Sequence 43, Application US/08281106
Patent No. 5646262
GENERAL INFORMATION:
APPLICANT: KOREA, Brent E.
APPLICANT: GERIN, John L.
TITLE OF INVENTION: Antisense Oligonucleotides Against
TITLE OF INVENTION: Hepatitis B Viral Replication
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W.
CITY: Washington, D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/281,106
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 66683/112/GBUN
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202 672 5300
TELEFAX: 202 672 5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: YES
US-08-281-106-43

Query Match 0.7%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 458 AGGACATCAACAG 471
Db 2 AGGACATCAACAG 15

RESULT 1256
US-09-199-269-43
Sequence 43, Application US/09199269
Patent No. 6503533
GENERAL INFORMATION:
APPLICANT: KOREA, Brent E.
APPLICANT: GERIN, John L.
TITLE OF INVENTION: Antisense Oligonucleotides Against
TITLE OF INVENTION: Hepatitis B Viral Replication
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner

STREET: 3000 K Street, N.W.
CITY: Washington, D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/199,269
FILING DATE: 25-No. 6503533-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/281,106
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 66683/112/GEUN
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202 672 5300
TELEFAX: 202 672 5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: YES
SEQUENCE DESCRIPTION: SEQ ID NO: 43:
US-09-199-269-43

Query Match 0.7%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 458 AGGACATCAACAAG 471
Db 2 AGGACATGAACAAG 15

RESULT 1257
US-09-371-772B-5851
Sequence 5851, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MH900.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 5851
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5851

Query Match 0.7%; Score 12.4; DB 1; Length 16;
Best Local Similarity 64.3%; Pred. No. 6.1e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1036 TTTGGCGTGGCCG 1049
Db 2 UUGGCCUUGCCCG 15

RESULT 1258
US-08-196-218-27
Sequence 27, Application US/08196218
Patent No. 5614619
GENERAL INFORMATION:
APPLICANT: Piepersberg, Wolfgang
APPLICANT: Stockmann, Michael
APPLICANT: Taleghani, Kampiz Mansouri
APPLICANT: Distler, Jurgen
APPLICANT: Grabley, Susanne
APPLICANT: Siehel, Petra
APPLICANT: Brau, Barbara
TITLE OF INVENTION: Secondary-Metabolite Biosynthesis Genes
TITLE OF INVENTION: From Actinomycetes, Method of Isolating Them, and Their
TITLE OF INVENTION: Use.
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSER: Finnegan, Henderson, Farabow, Garrett &
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: United States
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/196,218
FILING DATE: 25-AUG-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ogden, Stasia L.
REGISTRATION NUMBER: 36,228
REFERENCE/DOCKET NUMBER: 02481.1372-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-196-218-27
Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 693 TGTGGCACTCAAGG 706
Db 4 TGTGGCACTCAAGG 17

RESULT 1259
US-08-373-124A-944/c
Sequence 944, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
FILING DATE: February 7, 1994
FILING DATE: February 7, 1994
FILING DATE: December 7, 1992
FILING DATE: December 7, 1992
FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 944:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-373-124A-944

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 671 AAAGCAGCTCACA 684
DB 14 AAAGCAGCTAACA 1

RESULT 1260

US-08-250-740-21
Sequence 21, Application US/08250740
Patent No. 5686240

GENERAL INFORMATION:
APPLICANT: Schuchman, Edward H.
APPLICANT: Desnick, Robert J.
TITLE OF INVENTION: Acid Sphingomyelinase Gene and Diagnosis
TITLE OF INVENTION: of Niemann-Pick Disease

NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/250,740
FILING DATE: 27-MAY-1994

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30742
REFERENCE/DOCKET NUMBER: 6923-038
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

US-08-250-740-21

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGAAGCAGTACCTG 876
DB 2 TGAAGCAGTACCTG 15

RESULT 1261

US-08-681-953-27
Sequence 27, Application US/08681953
Patent No. 5710032

GENERAL INFORMATION:
APPLICANT: Piepersberg, Wolfgang
APPLICANT: Stockmann, Michael
APPLICANT: Taleghani, Kambiz Mansouri
APPLICANT: Distler, Jorgen
APPLICANT: Grabley, Susanne
APPLICANT: Sichei, Petra
APPLICANT: Brau, Barbara

TITLE OF INVENTION: Secondary-Metabolite Biosynthesis Genes
FROM Actinomycetes, Method of Isolating Them, and Their
TITLE OF INVENTION: Use.
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: United States
ZIP: 20005-3315

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/681,953
FILING DATE: 30-JUL-1996
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/196,218
FILING DATE: 25-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ogden, Stasia L.
REGISTRATION NUMBER: 36,228

```

; REFERENCE/DOCKET NUMBER: 02481.1372-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-681-953-27

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 693 TGTGGCACTCAAGG 706
DB 4 TGTGGCACTCAAGG 17

RESULT 1262
US-08-244-468-4
; Sequence 4, Application US/08244468
; Patent No. 5747292
; GENERAL INFORMATION:
; APPLICANT: GREENBERG, PHILIP D.
; APPLICANT: NELSON, BRAD H.
; TITLE OF INVENTION: CHIMERIC CYTOKINE RECEPTORS IN
; TITLE OF INVENTION: LYMPHOCYTES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/244,468
; FILING DATE: 31-MAY-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: DYLAN TYLER
; REGISTRATION NUMBER: 37,612
; REFERENCE/DOCKET NUMBER: 22627-20006.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-244-468-4

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 44 GAGGACCAAGG 57
DB 3 GAGGACCAAGG 16
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RESULT 1263
US-07-695-472B-27
; Sequence 27, Application US/07695472B
; Patent No. 5773278
; GENERAL INFORMATION:
; APPLICANT: Schuchman, Edward H.
; APPLICANT: Desnick, Robert J.
; TITLE OF INVENTION: The Acid Sphingomyelinase Gene and
; TITLE OF INVENTION: Diagnosis of Niemann-Pick Disease
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/695.472B
; FILING DATE: 19910503
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6923-014
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 7908864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA
US-07-695-472B-27

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGAAGCAGTACTG 876
DB 2 TGAAGCAGTACTG 15

RESULT 1264
US-08-435-628-944/c
; Sequence 944, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
```



```
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/435,628
/ FILING DATE: 05-MAY-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/373,124
/ FILING DATE: January 13, 1995
/ APPLICATION NUMBER: 08/245,466
/ FILING DATE: May 18, 1994
/ APPLICATION NUMBER: 08/192,943
/ FILING DATE: February 7, 1994
/ APPLICATION NUMBER: 07/987,132
/ FILING DATE: December 7, 1992
/ APPLICATION NUMBER: 07/936,422
/ FILING DATE: August 26, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/035
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 944:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-435-628-944

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 671 AAAGCAAGCTCACA 684
Db 14 AAAGCAAGCTTAACA 1

RESULT 1265
US-08-698-805-10
/ Sequence 10, Application US/08698805
/ Patent No. 5869288
/ GENERAL INFORMATION:
/ APPLICANT: Chapman, Martin
/ TITLE OF INVENTION: Molecular Cloning of Cockroach
/ TITLE OF INVENTION: Allergens, Amino Acid and Nucleotide Sequences Therefore,
/ TITLE OF INVENTION: and Recombinant Expression Thereof
/ NUMBER OF SEQUENCES: 10
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Obolon, Spivak, McClelland, Maier & Neustadt,
/ ADDRESSEE: P.C.
/ STREET: 1755 S. Jefferson Davis Highway, Suite 400
/ CITY: Arlington
/ STATE: VA
/ COUNTRY: USA
/ ZIP: 22202
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/698,805
/ FILING DATE: 16-AUG-1996
```

```
/
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/002,510
/ FILING DATE: 18-AUG-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kelber, Steven B.
/ REGISTRATION NUMBER: 30,073
/ REFERENCE/DOCKET NUMBER: 494-203-27
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 703-413-3000
/ TELEFAX: 703-413-2220
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "oligonucleotide primer"
/ US-08-698-805-10

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1153 GACATGTGGGAGTGT 1166
Db 1 GACATGTGGAGTGT 14

RESULT 1266
US-08-933-749-9/c
/ Sequence 9, Application US/08933749
/ Patent No. 5935791
/ GENERAL INFORMATION:
/ APPLICANT: Nadeau, James G.
/ APPLICANT: Hsieh, Helen V.
/ APPLICANT: Pitner, James B.
/ APPLICANT: Linn, Carl P.
/ TITLE OF INVENTION: Detection of Nucleic Acids by
/ TITLE OF INVENTION: Fluorescence Quenching
/ NUMBER OF SEQUENCES: 10
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: R. J. Rodrick, Becton Dickinson and Company
/ STREET: 1 Becton Drive
/ CITY: Franklin Lakes
/ STATE: NJ
/ COUNTRY: US
/ ZIP: 07417
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/933,749
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fugit, Donna R.
/ REGISTRATION NUMBER: 32,135
/ REFERENCE/DOCKET NUMBER: P-3749
/ INFORMATION FOR SEQ ID NO: 9:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-933-749-9

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy 934 CTCCTGGCCCTGGC 947
Db 14 CTCCTGTCTCTGGC 1

RESULT 1267

US-08-985-162-220/c
; Sequence 220, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 220:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-220

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1481 TCCACAACTTCCT 1494
Db 15 TCCACAACTTCCT 2

RESULT 1268

US-08-985-162-221/c
; Sequence 221, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 221:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-221

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1481 TCCACAACTTCCT 1494
Db 14 TCCACAACTTCCT 1

RESULT 1269

US-08-913-833-68
; Sequence 68, Application US/08913833
; Patent No. 6087093
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGIE, JOOST
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/913,833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-913-833-68

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 CAGTACTGGATGCA 881
||||| |||||
Db 2 CAGTACATGGATGCA 15

RESULT 1270
US-08-998-099-43/c
; Sequence 43, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 43
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-08-998-099-43

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 244 GGCAGTGACCCCTGG 257
||||| |||||
Db 15 GGCAGTGACCGTGG 2

RESULT 1271
US-08-998-099-52
; Sequence 52, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 52
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-08-998-099-52

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.8e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 824 AGTCCTCCACCCCTT 837
||||| |||||
Db 2 AGCCCCCACCCTT 15

RESULT 1272
US-09-235-583-9/c
; Sequence 9, Application US/09235583
; Patent No. 6130047
; GENERAL INFORMATION:
; APPLICANT: Nadeau, James G.
; APPLICANT: Hsieh, Helen V.
; APPLICANT: Pitner, James B.
; APPLICANT: Linn, Carl P.
; TITLE OF INVENTION: Detection of Nucleic Acids by
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: R. J. Rodrick, Becton Dickinson and Company
; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: NJ
; COUNTRY: US
; ZIP: 07417
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/235,583
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Fugit, Donna R.
; REGISTRATION NUMBER: 32,135
; REFERENCE/DOCKET NUMBER: P-3749
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

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; TOPOLOGY: linear
US-09-235-583-9

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 934 CTCGGTGCCTGGC 947
Db 14 CTCGGTGCCTGGC 1

RESULT 1273
US-09-599-164-9/c
; Sequence 9, Application US/09599164
; Patent No. 6261784
; GENERAL INFORMATION:
; APPLICANT: Nadeau, James G.
; APPLICANT: Hsieh, Helen V.
; APPLICANT: Pitner, James B.
; APPLICANT: Linn, Carl P.
; TITLE OF INVENTION: Detection of Nucleic Acids by
; Fluorescence Quenching
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: R. J. Rodrick, Becton Dickinson and Company
; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: NJ
; COUNTRY: US
; ZIP: 07417
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/599,164
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/933,749
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Fugit, Donna R.
; REGISTRATION NUMBER: 32,135
; REFERENCE/DOCKET NUMBER: P-3749
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-599-164-9

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 934 CTCGGTGCCTGGC 947
Db 14 CTCGGTGCCTGGC 1

RESULT 1274
US-09-580-794C-68
; Sequence 68, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; APPLICANT: Kossau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
```

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; TITLE OF INVENTION: TRANSCRIPTASE GENE
; FILE REFERENCE: INNS008--2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; CURRENT FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 968700081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 68
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-68

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 868 CAGTACCTGGATGA 881
Db 2 CAGTACCTGGATGA 15

RESULT 1275
US-08-584-040-3878/c
; Sequence 3878, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITL OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
```

```
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 3878:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-3878

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1054 AAGTCAATCCCAAC 1067
Db 14 AAGTCAATCCCAAC 1

RESULT 1276
US-08-584-040-4220
; Sequence 4220, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4220:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-4220

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1032 TGACTTGGCCTGG 1045
Db 4 UGACUUUGGCUUGG 17

RESULT 1277
US-08-584-040-7628/c
; Sequence 7628, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7628:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7628

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 GAGGTGGTGACACT 1097
Db 17 GAGGTGGTGACACT 4

RESULT 1278
US-08-679-645-856/c
; Sequence 856, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
```

```
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 856:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-856

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 604 AACCTGGGAGACCTA 617
Db 17 AACCTGGGAGACCTA 4

RESULT 1279
US-08-679-645-858/c
; Sequence 858, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
```

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; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 858:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-858

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 604 AACCTGGGAGACCTA 617
Db 15 AACCTGGGAGACCTA 2

RESULT 1280
US-08-220-602B-13
; Sequence 13, Application US/08220602B
; Patent No. 6514745
; GENERAL INFORMATION:
; APPLICANT: KARIN, MICHAEL
; APPLICANT: DAVIS, ROGER
; APPLICANT: MASAHICO, HIBI
; APPLICANT: ANNING, LIN
; APPLICANT: DERIGARD, BENOIT
; TITLE OF INVENTION: ONCOPROTEIN PROTEIN KINASE
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FISH & RICHARDSON P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: California
; COUNTRY: USA
; ZIP: 92037
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, COMPUTER READABLE FORM:
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, MEDIUM TYPE: Floppy disk
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, COMPUTER: IBM PC compatible
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, OPERATING SYSTEM: PC-DOS/MS-DOS
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, SOFTWARE: PatentIn Release #1.0, Version #1.30
,
, CURRENT APPLICATION DATA:
,
, APPLICATION NUMBER: US/08/220,602B
,
, FILING DATE: 25-MAR-1994
,
, CLASSIFICATION: 435
,
, ATTORNEY/AGENT INFORMATION:
,
, NAME: Haile, Ph.D., Lisa A.,
,
, REGISTRATION NUMBER: 38,347,
,
, REFERENCE/DOCKET NUMBER: 07257/015001 (PD3205)
,
, TELECOMMUNICATION INFORMATION:
,
, TELEPHONE: (619) 678-5070
,
, TELEFAX: (619) 678-5099
,
, INFORMATION FOR SEQ ID NO: 13:
,
, SEQUENCE CHARACTERISTICS:
,
, LENGTH: 17 base pairs
,
, TYPE: nucleic acid
,
, STRANDEDNESS: single
,
, TOPOLOGY: linear
,
, MOLECULE TYPE: DNA (genomic)
,
, FEATURE:
,
, NAME/KEY: CDS
,
, LOCATION: 1..17
,
, US-08-220-602B-13

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Query Match 0.78; Score 12.4; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 6.8e+02;
Matches 10; Conservative 4; Mismatches 3; Indels

QY 973 CACCGAGACCTCAAGCC 989
||:| ||:| ||:|
Db 1 CAYMGNGAYNTNAARCC 17

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RESULT 1281
US-09-474-432B-623
; Sequence 623, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 623
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-623

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Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 6.8e+02;
Matches 12; Conservative 1; Mismatches 1; Indels

QY 296 CTGCACGGGGCCCA 309
Db 1 CUGCACGGGGCCCA 14

RESULT 1282
US-09-474-432B-758/c
; Sequence 758, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MHHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 758
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-758

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels

QY 928 CAGCTGCTCCGTGG 941
Db 17 CAGCTGCACCGTGG 4

RESULT 1283
US-09-474-432B-884/c
; Sequence 884, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Belgelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28

; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 884
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-884

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1578 CAGGCCAGCTTCC 1591
Db 17 CAGGCCAGCTTCCC 4

RESULT 1284
US-09-106-375-27
; Sequence 27, Application US/09106375
; Patent No. 6541218
; GENERAL INFORMATION:
; APPLICANT: Schuchman, Edward H.
; APPLICANT: Desnick, Robert J.
; TITLE OF INVENTION: The Acid Sphingomyelinase Gene and
; TITLE OF INVENTION: Diagnosis of Niemann-Pick Disease
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106.375
; FILING DATE:

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/695,472
; FILING DATE: 03-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6923-014
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 7908864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA

US-09-106-375-27
Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGAAGCAGTACCTG 876
Db 2 TGAAGCATACTCTG 15

RESULT 1285

US-09-371-772B-1645/c
; Sequence 1645, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1645
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1645

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1054 AAGTCAATCCCAAC 1067
Db 14 AAGTCAATCCCCAC 1

RESULT 1286

US-09-371-772B-1987
; Sequence 1987, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1987
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1987

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 6.8e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1032 TGACTTTGCGCTGG 1045
Db 4 UGACUUUGGCUUGG 17

RESULT 1287

US-09-371-772B-3420/c

; Sequence 3420, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3420
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3420

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 GAGGTGGTGACACT 1097
||| |||||
Db 17 GAGCTGGTGACACT 4

RESULT 1288
US-09-476-387-622
; Sequence 622, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 622
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-622

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 6.8e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 296 CTGCACGGGGCCCA 309

Db 1 CUCACGGGGCCCA 14
|:|||||||

RESULT 1289
US-09-476-387-757/c
; Sequence 757, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 757
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-757

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 928 CAGCTGCTCGTGG 941
|||||
Db 17 CAGCTGACCGTGG 4

RESULT 1290
US-09-476-387-883/c
; Sequence 883, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05

; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 883
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-883

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1578 CAGGCCAGCTTCC 1591
|||
Db 17 CAGGCCAGCTTCCC 4

RESULT 1291
US-09-401-063-220/c
; Sequence 220, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 220:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-09-401-063-220
Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1578 CAGGCCAGCTTCC 1591
|||
Db 17 CAGGCCAGCTTCCC 4

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1481 TCCACAAACTTCCT 1494
|||
Db 15 TCCACAAACTCCCT 2

RESULT 1292
US-09-401-063-221/c
; Sequence 221, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 221:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-09-401-063-221
Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1481 TCCACAAACTTCCT 1494
|||
Db 14 TCCACAAACTCCCT 1

RESULT 1293
US-09-827-998-547
; Sequence 547, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1481 TCCACAAACTTCCT 1494
|||
Db 14 TCCACAAACTCCCT 1

RESULT 1293
US-09-827-998-547
; Sequence 547, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark

; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 547
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-547

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 290 TTGCTTCTGCACGG 303
Db 1 TTGCTTCTGCACGG 14

RESULT 1294

US-09-866-108A-65/c
; Sequence 65, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Aecomica Sequence Listing Engine
; NUMBER OF SEQ ID NOS: 15755
; Patent No. 6686188
; SEQ ID NO 65
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-65

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1182 TGAGATGCCACAG 1195
Db 17 TGAGATGCCACAG 4

RESULT 1295

US-09-866-108A-69/c
; Sequence 69, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; NUMBER OF SEQ ID NOS: 15755
; Patent No. 6686188
; SEQ ID NO 69
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-69

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1181 ATGAGATGCCACA 1194
Db 14 ATGAGATGCCACA 1

RESULT 1296

US-09-866-108A-517
; Sequence 517, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.

```
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 517
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-517

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 202 GCCCCTGAGCAGAT 215
Db 4 GACCCGTGAGCAGAT 17

RESULT 1297
US-09-866-108A-518
; Sequence 518, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 517
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-517
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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 518
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-518

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 202 GCCCCTGAGCAGAT 215
Db 3 GACCCGTGAGCAGAT 16

RESULT 1298
US-09-866-108A-519
; Sequence 519, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 519
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-519
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Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 202 GCCCTTGAGCAGAT 215
| | | | | | | | | | | | | | | | |
Db 2 GACCTTGAGCAGAT 15

RESULT 1299

US-09-866-108A-520
; Sequence 520, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 520
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-520

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 202 GCCCTTGAGCAGAT 215
| | | | | | | | | | | | | | | | |
Db 1 GACCTTGAGCAGAT 14

RESULT 1300

US-09-866-108A-2181/c
; Sequence 2181, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2181
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2181

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 990 CCAGAACCTGCTCA 1003
| | | | | | | | | | | | | | | | |
Db 17 CCAGGACCTGCTCA 4

RESULT 1301

US-09-866-108A-2182/c
; Sequence 2182, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2182
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2182

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      990 CCAGAACCTGCTCA 1003
Db      16 CCAGACCTGCTCA 3

RESULT 1302
US-09-866-108A-2183/c
; Sequence 2183, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2183
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2183
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Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      990 CCAGAACCTGCTCA 1003
Db      15 CCAGACCTGCTCA 2

RESULT 1303
US-09-866-108A-2184/c
; Sequence 2184, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2184
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2184

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      990 CCAGAACCTGCTCA 1003
Db      14 CCAGACCTGCTCA 1

RESULT 1304
US-09-866-108A-7034/c
; Sequence 7034, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; US-09-866-108A-7034
```

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; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7034
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7034

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1640 AGCGGCTGGAGGGA 1653
||| ||||| |||||
Db 17 AGAGGCTGGAGGGA 4

RESULT 1305
US-09-866-108A-7035/c
; Sequence 7035, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7034
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7034
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; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7035
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7035

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1640 AGCGGCTGGAGGGA 1653
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Db 16 AGAGGCTGGAGGGA 3

RESULT 1306
US-09-866-108A-7753
; Sequence 7753, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7753
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
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US-09-866-108A-7753

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 247 AGTGACCCCTGGAGA 260
|||||
Db 4 AGTGACCCAGGAGA 17

RESULT 1307

US-09-866-108A-7754

; Sequence 7754, Application US/09866108A
; Patent No. 6886188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aesomica Sequence Listing Engine
; Patent No. 6886188
; SEQ ID NO 7754
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7755

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 247 AGTGACCCCTGGAGA 260
|||||
Db 3 AGTGACCCAGGAGA 16

RESULT 1308

US-09-866-108A-7755
; Sequence 7755, Application US/09866108A
; Patent No. 6886188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aesomica Sequence Listing Engine
; Patent No. 6886188
; SEQ ID NO 7754
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7754

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 247 AGTGACCCCTGGAGA 260
|||||
Db 3 AGTGACCCAGGAGA 16

RESULT 1309

US-09-866-108A-7756
; Sequence 7756, Application US/09866108A
; Patent No. 6886188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667

; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aesomica Sequence Listing Engine
; Patent No. 6886188
; SEQ ID NO 7755
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7755

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 247 AGTGACCCCTGGAGA 260
|||||
Db 2 AGTGACCCAGGAGA 15

RESULT 1309

US-09-866-108A-7756
; Sequence 7756, Application US/09866108A
; Patent No. 6886188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667

; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667


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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7756
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7756

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      247 AGTGACCCCTGGAGA 260
      |||||
Db      1 AGTGACCCAGGAGA 14

RESULT 1310
US-09-866-108A-8001/c
; Sequence 8001, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8001
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8002
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; ORGANISM: Homo sapiens
US-09-866-108A-8001

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      922 CTGTTCCAGCTGCT 935
      |||||
Db      17 CTGCTCAGCTGCT 4

RESULT 1311
US-09-866-108A-8002/c
; Sequence 8002, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8002
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8002

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      922 CTGTTCCAGCTGCT 935
      |||||
Db      16 CTGCTCAGCTGCT 3

RESULT 1312
US-09-866-108A-8003/c
; Sequence 8003, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
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; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8003
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8003

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e-02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 922 CTGTTCCAGCTGCT 935
Db 15 CTGCTCCAGCTGCT 2

RESULT 1313
US-09-866-108A-8004/c
; Sequence 8004, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8003
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8003
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; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8004
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8004

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e-02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 922 CTGTTCCAGCTGCT 935
Db 14 CTGCTCCAGCTGCT 1

RESULT 1314
US-09-866-108A-8047
; Sequence 8047, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8047
; LENGTH: 17
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8047

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGAT 143
Db 2 CGGATGAAGCAGAT 15

RESULT 1315
US-09-866-108A-8048
; Sequence 8048, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8048
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8048

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1020 GCTCAAGCTGGCTG 1033
Db 17 GCTCCAGCTGGCTG 4

RESULT 1317
US-09-866-108A-8378/c
; Sequence 8378, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666

Qy 130 CGGATGAAGAGAT 143
Db 1 CGGATGAAGCAGAT 14

RESULT 1316
US-09-866-108A-8377/c
; Sequence 8377, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8378
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8378

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1020 GCTCAAGCTGGCTG 1033
    ||||| ||||| |||||
DB 16 GCTCCAGCTGGCTG 3

RESULT 1318
US-09-866-108A-8379/c
; Sequence 8379, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8379
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8378

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1020 GCTCAAGCTGGCTG 1033
    ||||| ||||| |||||
DB 16 GCTCCAGCTGGCTG 3

RESULT 1319
US-09-866-108A-8380/c
; Sequence 8380, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8380
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8380

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1020 GCTCAAGCTGGCTG 1033
    ||||| ||||| |||||
DB 14 GCTCCAGCTGGCTG 1

RESULT 1320
US-09-866-108A-8593
; Sequence 8593, Application US/09866108A
; Patent No. 6686188
```

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; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8593
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8593

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 GCTCAAGGACCTCA 778
Db 4 GCACAAGGACCTCA 17

RESULT 1321
US-09-866-108A-8594
; Sequence 8594, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8593
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8593

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 GCTCAAGGACCTCA 778
Db 4 GCACAAGGACCTCA 17

RESULT 1322
US-09-866-108A-8595
; Sequence 8595, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
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; SEQ ID NO 8595
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8595

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 765 GCTCAAGGACCTCA 778
||| |||||
Db 2 GCACAAGGACCTCA 15

RESULT 1323

US-09-866-108A-8596
; Sequence 8596, Application US/09866108A
; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 8596

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-8596

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 765 GCTCAAGGACCTCA 778
||| |||||
Db 1 GCACAAGGACCTCA 14

RESULT 1324

US-09-866-108A-8895/c
; Sequence 8895, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 8895

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-8895

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 166 CTCGAGGTGCGC 179
||| |||||

Db 17 CTCGAGGTGCGC 4

RESULT 1325

US-09-866-108A-8899/c

; Sequence 8899, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aeonica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 8899
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-8899

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 165 ACTCCGAGGTGGCC 178
|||||
Db 14 ACTCGGAGGTGGCC 1

RESULT 1326

US-09-861-012A-13
;; Sequence 13, Application US/09861012A
;; Patent No. 6706509
;; GENERAL INFORMATION:
;; APPLICANT: KARIN, Michael
;; APPLICANT: DAVIS, Roger
;; APPLICANT: HIBI, Masahiko
;; APPLICANT: LIN, Anning
;; APPLICANT: DERIJARD, Benoit
;; TITLE OF INVENTION: ONCOPROTEIN PROTEIN KINASE
;; FILE REFERENCE: REGEN1120-12
;; CURRENT APPLICATION NUMBER: US/09/861.012A
;; PRIOR FILING DATE: 2001-05-18
;; PRIOR APPLICATION NUMBER: US 08/220,602
;; PRIOR FILING DATE: 1994-03-25
;; PRIOR APPLICATION NUMBER: US 08/094,533
;; PRIOR FILING DATE: 1993-07-19
;; NUMBER OF SEQ ID NOS: 25
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 13
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Artificial sequence
;; FEATURE:
;; OTHER INFORMATION: PCR primer
;; FEATURE:
;; NAME/KEY: misc feature
;; LOCATION: (1)..(17)
;; OTHER INFORMATION: n is any nucleotide
US-09-861-012A-13

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 6.8e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 973 CACCGAGACCTCAAGCC 989
|||||
Db 1 CAYMGNGAYNTNARCC 17

RESULT 1327

US-09-943-983C-68
;; Sequence 68, Application US/09943983C
;; Patent No. 6713251
;; GENERAL INFORMATION:
;; APPLICANT: Stuyver, Lieven
;; APPLICANT: Louwagie, Joost
;; APPLICANT: Roessau, Rudi
;; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
;; TITLE OF INVENTION: TRANSCRIPTASE GENE
;; FILE REFERENCE: 11362.0008.DUUS02 (INNS008--3)
;; CURRENT APPLICATION NUMBER: US/09/943.983C
;; CURRENT FILING DATE: 2001-08-31
;; PRIOR APPLICATION NUMBER: US 09/580,794
;; PRIOR FILING DATE: 2000-05-30
;; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
;; PRIOR FILING DATE: 1997-09-15
;; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
;; PRIOR FILING DATE: 1997-01-17
;; PRIOR APPLICATION NUMBER: EP 96870005.4
;; PRIOR FILING DATE: 1996-01-26
;; PRIOR APPLICATION NUMBER: EP 96870081.5
;; PRIOR FILING DATE: 1996-06-25
;; NUMBER OF SEQ ID NOS: 164
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 68
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Artificial sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Primer
US-09-943-983C-68

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 CAGTACCTGGATGA 881
|||||
Db 2 CAGTACATGGATGA 15

RESULT 1328

PCT-US94-08119-13
;; Sequence 13, Application PC/TUS9408119
;; GENERAL INFORMATION:
;; APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
;; APPLICANT: UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL
;; APPLICANT: Karin, Michael
;; APPLICANT: Davis, Roger
;; APPLICANT: Hibi, Masahiko
;; APPLICANT: Lin, Anning
;; APPLICANT: Derijard, Benoit
;; TITLE OF INVENTION: ONCOPROTEIN PROTEIN KINASE
;; NUMBER OF SEQUENCES: 16
;; CORRESPONDENCE ADDRESSES:
;; ADDRESSEE: Spensley Horn Jubas & Lubitz
;; STREET: 1880 Century Park East, Suite 500
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: USA
;; ZIP: 90067
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US94/08119
;; FILING DATE: 18-JUL-1994
;; CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr., Ph.D., John R.,
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: FD-3205
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US94-08119-13

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 6.8e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 973 CACCGAGACCTCAAGCC 989
||:||||:||||:
Db 1 CAYMGNGAYNTNARCC 17

RESULT 1329

PCT-US94-12913A-13
Sequence 13, Application PC/TUS9412913A
GENERAL INFORMATION:
APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
APPLICANT: UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL
APPLICANT: Karin, Michael
APPLICANT: Davis, Roger
APPLICANT: Hibi, Masahiko
APPLICANT: Lin, Anning
APPLICANT: Derijard, Benoit
TITLE OF INVENTION: ONCOPROTEIN PROTEIN KINASE
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Juba & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/12913A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/08119
FILING DATE: 18-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: LISA A. HAILE, PH.D.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: FD-3205
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US94-12913A-13

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 6.8e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
QY 973 CACCGAGACCTCAAGCC 989
||:||||:||||:
Db 1 CAYMGNGAYNTNARCC 17

RESULT 1330

US-08-584-040-6250
Sequence 6250, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 6250:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-6250

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 64.3%; Pred. No. 7.4e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1701 CTCCTGCTACCT 1714
||:||||:
Db 2 CUCCUGCCUACCU 15

RESULT 1331

US-09-371-772B-3009
Sequence 3009, Application US/09371772B


```
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH000,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3009
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3009

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 64.3%; Pred. No. 7.4e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1701 CTCTGTGCTTACTT 1714
| | | | | | | | | |
Db 2 CUCCUGCCUACCU 15

RESULT 1332
US-08-369-282-2/c
; Sequence 2, Application US/08369282
; Patent No. 5593974
; GENERAL INFORMATION:
; APPLICANT: ROSENBERG, ROBERT D
; APPLICANT: SIMONS, MICHAEL
; APPLICANT: EDELMAN, ELAZER
; APPLICANT: LANGER, ROBERT S
; APPLICANT: DEKEYSER, JEAN-LUC
; TITLE OF INVENTION: LOCALIZED OLIGONUCLEOTIDE THERAPY
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA HURWITZ & THIBEAULT
; STREET: EXCHANGE PLACE, 53 STATE STREET
; CITY: BOSTON
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/369,282
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/855,416
; FILING DATE:
; APPLICATION NUMBER: US 792,146
; FILING DATE: 08-NOV-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 723,454
; FILING DATE: 28-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: PITCHER ESQ, EDMUND R
; REGISTRATION NUMBER: 27,829
; REFERENCE/DOCKET NUMBER: MIT5583CP2
```

```
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/248-7000
; TELEFAX: 617/248-7100
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ANTI-SENSE: YES
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..18
; OTHER INFORMATION: /standard_name= "ANTISENSE HUMAN
; OTHER INFORMATION: NMHC"
; OTHER INFORMATION: /note= "ANTISENSE SEQUENCE TO HUMAN NMHC"
US-08-369-282-2

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1216 TCCACGGTGGAGGA 1229
| | | | | | | | | |
Db 18 TCCAAGGTGGAGGA 5

RESULT 1333
US-08-216-276A-6
; Sequence 6, Application US/08216276A
; Patent No. 5595912
; GENERAL INFORMATION:
; APPLICANT: VAKHARIA, VIKRAM
; TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES
; TITLE OF INVENTION: ASSOCIATED WITH US 1BDV VARIANTS, VECTOR CARRYING DNA
; TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO ACID
; TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/216,276A
; FILING DATE: 23-MAR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/083,784
; FILING DATE: 28-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/519,202
; FILING DATE: 04-MAY-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/227,311
; FILING DATE: 02-AUG-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Kelber, Steven B.
; REGISTRATION NUMBER: 30,073
; REFERENCE/DOCKET NUMBER: 2747-054-27 CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
```



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; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-08-411-796-263

Query Match      0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 133 ATGAGAGAGATCAA 146
Db 17 ATGAGAGAGACCA 4

RESULT 1336
US-08-585-684B-2507
; Sequence 2507, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2507:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-2507

Query Match      0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 71.4%; Pred. No. 7.4e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 941 GCCTGGGCTACTGC 954
Db 4 GCCUGACCUACUGC 17

RESULT 1337
US-08-320-306-15
; Sequence 15, Application US/08320306

; Patent No. 5891623
; GENERAL INFORMATION:
; APPLICANT: Primi, Daniele
; TITLE OF INVENTION: Diagnosis and Treatment of
; TITLE OF INVENTION: AIDS Onset
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Thomas E. Popovich, Thomas
; ADDRESSEE: Popovich & Associates
; STREET: 80 South 8th Street
; CITY: Minneapolis
; STATE: Minnesota
; COUNTRY: USA
; ZIP: 55402-2111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible Compaq Prolinea
; COMPUTER: 4/66
; OPERATING SYSTEM: MS-DOS Version 5
; SOFTWARE: Microsoft Word for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/320,306
; FILING DATE: 06-OCT-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/973,485
; FILING DATE: No. 5891623ember 9, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Thomas E. Popovich
; REGISTRATION NUMBER: 30099
; REFERENCE/DOCKET NUMBER: 3678
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (612) 334-8991
; TELEFAX: (612) 334-8994
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Other nucleic acid
; MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor
; MOLECULE TYPE: Vb region)
; HYPOTHETICAL: No
; ORIGINAL SOURCE: Synthesized using
; ORIGINAL SOURCE: oligonucleotide synthesis machine
; PUBLICATION INFORMATION:
; AUTHORS: Imberti, Luisa; Sottini,
; AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
; AUTHORS: Daniele
; TITLE: Selective Depletion in HIV Infection
; TITLE: of T Cells that Bear Specific T Cell Receptor Vb Sequences
; JOURNAL: Science
; VOLUME: 254
; ISSUE: 5033
; PAGES: 860-862
; PUBLICATION DATE: No. 5891623ember 8, 1991
; US-08-320-306-15

Query Match      0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 816 CACGAGAGATGCC 829
Db 1 CAAGGAGAGATGCC 14

RESULT 1338
US-08-488-209B-15
; Sequence 15, Application US/08488209B
; Patent No. 5925513
```

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;
; GENERAL INFORMATION:
; APPLICANT: Primi, Daniele
; TITLE OF INVENTION: Diagnosis and Treatment of
; TITLE OF INVENTION: AIDS Onset
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Thomas E. Popovich, Thomas
; ADDRESSEE: Popovich & Associates
; STREET: 80 South 8th Street
; CITY: Minneapolis
; STATE: Minnesota
; COUNTRY: USA
; ZIP: 55402-2111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible Compaq Prolinea
; OPERATING SYSTEM: MS-DOS Version 5
; SOFTWARE: Microsoft Word for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,209B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/973,485
; FILING DATE: No. 5925513ember 9, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Thomas E. Popovich
; REGISTRATION NUMBER: 30099
; REFERENCE/DOCKET NUMBER: 3678
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (612) 334-8991
; TELEFAX: (612) 334-8994
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Other nucleic acid
; MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor
; MOLECULE TYPE: Vb region)
; HYPOTHETICAL: No
; ORIGINAL SOURCE: Synthesized using
; ORIGINAL SOURCE: oligonucleotide synthesis machine
; PUBLICATION INFORMATION:
; AUTHORS: Imberti, Luisa; Sottini,
; AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
; AUTHORS: Daniele
; TITLE: Selective Depletion in HIV Infection
; TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
; JOURNAL: Science
; VOLUME: 254
; ISSUE: 5033
; PAGES: 860-862
; PUBLICATION DATE: No. 5925513ember 8, 1991
; US-08-488-209B-15
;
; Query Match 0.7%; Score 12.4; DB 1; Length 18;
; Best Local Similarity 92.9%; Pred. NO. 7.4e+02;
; Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 816 CACGGAGAAGTCCC 829
; DB 1 CAAGGAGAAGTCCC 14
;
; RESULT 1339
; US-08-408-011-15
; Sequence 15, Application US/08408011
; Patent No. 5928642
; GENERAL INFORMATION:
; APPLICANT: Passmore, Steven E.
; APPLICANT: Primi, Daniele
; TITLE OF INVENTION: Diagnosis and Treatment of
; TITLE OF INVENTION: AIDS Onset
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Thomas E. Popovich, Thomas
; ADDRESSEE: Popovich & Associates
; STREET: 80 South 8th Street
; CITY: Minneapolis
; STATE: Minnesota
; COUNTRY: USA
; ZIP: 55402-2111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible Compaq Prolinea
; OPERATING SYSTEM: MS-DOS Version 5
; SOFTWARE: Microsoft Word for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/408,011
; FILING DATE: 18-OCT-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/973,485
; FILING DATE: No. 5928642ember 9, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Thomas E. Popovich
; REGISTRATION NUMBER: 30099
; REFERENCE/DOCKET NUMBER: 3678
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (612) 334-8991
; TELEFAX: (612) 334-8994
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Other nucleic acid
; MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor
; MOLECULE TYPE: Vb region)
; HYPOTHETICAL: No
; ORIGINAL SOURCE: Synthesized using
; ORIGINAL SOURCE: oligonucleotide synthesis machine
; PUBLICATION INFORMATION:
; AUTHORS: Imberti, Luisa; Sottini,
; AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
; AUTHORS: Daniele
; TITLE: Selective Depletion in HIV Infection
; TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
; JOURNAL: Science
; VOLUME: 254
; ISSUE: 5033
; PAGES: 860-862
; PUBLICATION DATE: No. 5928642ember 8, 1991
; US-08-408-011-15
;
; Query Match 0.7%; Score 12.4; DB 1; Length 18;
; Best Local Similarity 92.9%; Pred. NO. 7.4e+02;
; Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 816 CACGGAGAAGTCCC 829
; DB 1 CAAGGAGAAGTCCC 14
;
; RESULT 1340
; US-08-584-322A-6/c
; Sequence 6, Application US/08584322A
; Patent No. 5976846
; GENERAL INFORMATION:
; APPLICANT: Passmore, Steven E.
```

; APPLICANT: Marykwas, Donna L.
; TITLE OF INVENTION: METHOD FOR MULTIFRAGMENT IN VIVO
; TITLE OF INVENTION: CLONING AND MUTATION MAPPING
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Steven Passmore
; STREET: 702 Concart St.
; CITY: Hattiesburg
; STATE: Mississippi
; COUNTRY: USA
; ZIP: 39401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS 6
; SOFTWARE: WordPerfect 3.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,322A
; FILING DATE: January 13, 1996
; CLASSIFICATION: 435
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (601) 585-6008
; TELEFAX: (601) 585-8986
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid (Synthetic DNA)
US-08-584-322A-6

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 917 TGTTCCTGTTCCAG 930
Db 14 TGTTCCTGTTCCAG 1

RESULT 1341
US-09-255-911-28/c
; Sequence 28, Application US/09255911
; Patent No. 6013522
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD1 EXPRESSION
; FILE REFERENCE: RTS-0040
; CURRENT APPLICATION NUMBER: US/09/255,911
; CURRENT FILING DATE: 1999-02-23
; SEQ ID NO 28
; NUMBER OF SEQ ID NOS: 46
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-255-911-28

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 TCCGTATCTTAGGA 1260
Db 18 TCCGTACTTAGGA 5

RESULT 1342
US-09-289-376-19/c
; Sequence 19, Application US/09289376

; Patent No. 6013788
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD3 EXPRESSION
; FILE REFERENCE: RTS-0043
; CURRENT APPLICATION NUMBER: US/09/289,376
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-376-19

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 474 CCTATCACTACCAG 487
Db 18 CCTACCCTACCAG 5

RESULT 1343
US-08-471-039-263/c
; Sequence 263, Application US/08471039
; Patent No. 6017523
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Caparon, Mairé H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; APPLICANT: Paik, Kuman
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,039
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981,044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501

```
/ TELEFAX: (708)470-6881
/ INFORMATION FOR SEQ ID NO: 263:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (synthetic)
US-08-471-039-263

Query Match          0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 133 ATGAAGAAGATCAA 146
Db 17 ATGAAGAAGACCAA 4

RESULT 1344
US-09-339-964-32
/ Sequence 32, Application US/09339964
/ Patent No. 6025198
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Lex M. Cowser
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION
/ FILE REFERENCE: RTS-0065
/ CURRENT APPLICATION NUMBER: US/09/339,964
/ CURRENT FILING DATE: 1999-06-25
/ NUMBER OF SEQ ID NOS: 47
/ SEQ ID NO 32
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-964-32

Query Match          0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 229 AGTGGTGGTGGTGG 242
Db 2 AGTGGTGGAGGTGG 15

RESULT 1345
US-08-485-942A-57
/ Sequence 57, Application US/08485942A
/ Patent No. 6048817
/ GENERAL INFORMATION:
/ APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,
/ APPLICANT: MARGHERITA MAPPEI, JEFFREY HALAAS, KEVAN GAJIWALA, AND STEPHEN K. BURLHE
/ TITLE OF INVENTION: OB POLYPEPTIDE AS MODULATORS OF BODY WEIGHT (AS
/ TITLE OF INVENTION: AMENDED)
/ NUMBER OF SEQUENCES: 99
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Klauber & Jackson
/ STREET: 411 Hackensack Avenue
/ CITY: Hackensack
/ STATE: New Jersey
/ COUNTRY: USA
/ ZIP: 07601
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/485,942A
/ FILING DATE: JUNE 7, 1995
```

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/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/438,431
/ FILING DATE: May 10, 1995
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/347,563
/ FILING DATE: No. 6048837ember 30, 1994
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/292,345
/ FILING DATE: August 17, 1994
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jackson Esq., David A.
/ REGISTRATION NUMBER: 26,742
/ REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2F
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 201 487-5800
/ TELEFAX: 201 343-1684
/ TELEX: 133521
/ INFORMATION FOR SEQ ID NO: 57:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (primer)
/ DESCRIPTION: sequence tagged-site specific PCR primer swss1174
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ ORGANISM: Human
US-08-485-942A-57

Query Match          0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 584 TATCTGACATTGGC 597
Db 3 TATCTGACATTGGC 16

RESULT 1346
US-09-143-212-44/c
/ Sequence 44, Application US/09143212B
/ Patent No. 6077672
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia and Lex M. Cowser
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
/ FILE REFERENCE: RTS-0005
/ CURRENT APPLICATION NUMBER: US/09/143,212B
/ CURRENT FILING DATE: 1998-08-28
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 44
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-44

Query Match          0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 559 AGCCGCCGCCCTCCG 572
Db 15 AGCCGCCGCCGCCCG 2

RESULT 1347
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RESULT 1350
US-08-488-208A-57
; Sequence 57, Application US/08488208A
; Patent No. 6124448
; GENERAL INFORMATION:
; APPLICANT: THE ROCKFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; TITLE OF INVENTION: USES THEREOF
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,208A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: June 7, 1995
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6124448 member 30, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer sWSs1174
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
US-08-488-208A-57

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 584 TATCTGAGATTGGC 597
Db 3 TATCTGACATTGGC 16

RESULT 1351
US-09-213-719-70
; Sequence 70, Application US/09213719B
; Patent No. 6150162
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION
; FILE REFERENCE: RTS-0006
; CURRENT APPLICATION NUMBER: US/09/213,719B
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 70
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-719-70

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 755 AAGTGTCCTGCTC 768
Db 2 AAGTGTCCTGCTC 15

RESULT 1352
US-09-487-444-38/c
; Sequence 38, Application US/09487444
; Patent No. 6159697
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
; FILE REFERENCE: RTS-0133
; CURRENT APPLICATION NUMBER: US/09/487,444
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 38
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-444-38

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 864 GAAGCAGTACCTGG 877
Db 17 GAGGCAGTACCTGG 4

RESULT 1353
US-09-038-073-2507
; Sequence 2507, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street


```
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2507:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-2507

Query Match          0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 71.4%; Pred. No. 7.4e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 941 GCCTGGCGCTACTGC 954
Db 4 GCCUGACCUACUGC 17

RESULT 1354
US-09-311-260-67/c
; Sequence 67, Application US/09311260
; Patent No. 6214555
; GENERAL INFORMATION:
; APPLICANT: Leushner, James
; APPLICANT: Hui, May
; APPLICANT: Dunn, James M.
; TITLE OF INVENTION: Lactolix, Jean-Michel
; TITLE OF INVENTION: METHOD, COMPOSITIONS AND KIT FOR DETECTION OF
; TITLE OF INVENTION: MICROORGANISMS AND BI-DIRECTIONAL SEQUENCING OF NUCLEIC ACID
; TITLE OF INVENTION: POLYMERS
; NUMBER OF SEQUENCES: 189
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson LLP
; STREET: P.O. Box 5270
; CITY: Frisco
; STATE: CO
; COUNTRY: US
; ZIP: 80443-5270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/311,260
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
```

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; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-058-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (970) 668-2050
; TELEFAX: (970) 668-2082
; TELEX:
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; US-09-311-260-67

Query Match          0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1717 CTGAGCCATGTTC A 1730
Db 18 CTGAGCCATGATCA 5

RESULT 1355
US-09-193-377B-22/c
; Sequence 22, Application US/09193377B
; Patent No. 6221594
; GENERAL INFORMATION:
; APPLICANT: Burrell, Paul
; APPLICANT: Blackall, Linda
; APPLICANT: Keller, Jurg
; TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
; TITLE OF INVENTION: NITRITE OXIDISING MICROORGANISMS OF THE GENUS NITROSPIRA
; FILE REFERENCE: CULLN20.001AUS
; CURRENT APPLICATION NUMBER: US/09/193,377B
; CURRENT FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Nitrospira
; US-09-193-377B-22

Query Match          0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1684 TACATCTTCCTGC 1697
Db 16 TCCATCTTCCTGC 3

RESULT 1356
US-09-193-377B-24/c
; Sequence 24, Application US/09193377B
; Patent No. 6221594
; GENERAL INFORMATION:
; APPLICANT: Burrell, Paul
; APPLICANT: Blackall, Linda
; APPLICANT: Keller, Jurg
; TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
; TITLE OF INVENTION: NITRITE OXIDISING MICROORGANISMS OF THE GENUS NITROSPIRA
; FILE REFERENCE: CULLN20.001AUS
; CURRENT APPLICATION NUMBER: US/09/193,377B
; CURRENT FILING DATE: 1998-11-17
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; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Nitrospira
US-09-193-377B-24

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1684 TACATCTTCCCTGC 1697
| | | | | | | | | | | | | | | | | |
Db 16 TCACATCTTCCCTGC 3

RESULT 1357

US-09-193-377B-27/c
; Sequence 27, Application US/09193377B
; Patent No. 6221594
; GENERAL INFORMATION:
; APPLICANT: Burrell, Paul
; APPLICANT: Blackall, Linda
; APPLICANT: Keller, Jurg
; TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
; FILE REFERENCE: CULLN20.001AUS
; CURRENT APPLICATION NUMBER: US/09/193,377B
; CURRENT FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Nitrospira
US-09-193-377B-27

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1684 TACATCTTCCCTGC 1697
| | | | | | | | | | | | | | | | | |
Db 16 TCACATCTTCCCTGC 3

RESULT 1358

US-09-099-307-12
; Sequence 12, Application US/09099307A
; Patent No. 6221633
; GENERAL INFORMATION:
; APPLICANT: ERTL, JOHANN
; APPLICANT: HABERMANN, PAUL
; APPLICANT: GEISEN, KARL
; APPLICANT: SEIPKE, GERHARD
; TITLE OF INVENTION: NOVEL INSULIN DERIVATIVES HAVING A RAPID ONSET OF ACTION
; FILE REFERENCE: 02481.1597-00000
; CURRENT APPLICATION NUMBER: US/09/099,307A
; CURRENT FILING DATE: 1998-06-18
; EARLIER APPLICATION NUMBER: 19726167.1
; EARLIER FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-099-307-12

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGAAGCAGTACCTG 876
| | | | | | | | | | | | | | | | | |
Db 5 TGAAGCAGCACCTG 18

RESULT 1359

US-09-099-307-13/c
; Sequence 13, Application US/09099307A
; Patent No. 6221633
; GENERAL INFORMATION:
; APPLICANT: ERTL, JOHANN
; APPLICANT: HABERMANN, PAUL
; APPLICANT: GEISEN, KARL
; APPLICANT: SEIPKE, GERHARD
; TITLE OF INVENTION: NOVEL INSULIN DERIVATIVES HAVING A RAPID ONSET OF ACTION
; FILE REFERENCE: 02481.1597-00000
; CURRENT APPLICATION NUMBER: US/09/099,307A
; CURRENT FILING DATE: 1998-06-18
; EARLIER APPLICATION NUMBER: 19726167.1
; EARLIER FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-099-307-13

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGAAGCAGTACCTG 876
| | | | | | | | | | | | | | | | | |
Db 14 TGAAGCAGCACCTG 1

RESULT 1360

US-09-430-911A-6/c
; Sequence 6, Application US/09430911A
; Patent No. 6238923
; GENERAL INFORMATION:
; APPLICANT: Passmore, Steven E.
; APPLICANT: Marykwas, Donna L.
; TITLE OF INVENTION: METHOD FOR MULTIFRAGMENT IN VIVO
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Steven Passmore
; STREET: 702 Concart St.
; CITY: Hattiesburg
; STATE: Mississippi
; COUNTRY: USA
; ZIP: 39401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS 6
; SOFTWARE: WordPerfect 3.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/430,911A
; FILING DATE: 01-NOV-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,322A
; FILING DATE: January 13, 1996
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (601) 585-6008
; TELEFAX: (601) 585-8986
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid

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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid (Synthetic DNA)
US-09-430-911A-6

Query Match          0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 917 TGTTCCTGTTCCAG 930
Db 14 TGTTCCTGTTCCAG 1

RESULT 1361
US-09-632-580A-15/c
; Sequence 15, Application US/09632580A
; Patent No. 6255111
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-4 EXPRESSION
; FILE REFERENCE: RTS-0054
; CURRENT APPLICATION NUMBER: US/09/632,580A
; CURRENT FILING DATE: 2000-07-31
; NUMBER OF SEQ ID NOS: 93
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-632-580A-15

Query Match          0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 507 GGGTACTCTGGAGA 520
Db 18 GGGCAACCTGGAGA 5

RESULT 1362
US-09-196-387-6/c
; Sequence 6, Application US/09196387
; Patent No. 6277613
; GENERAL INFORMATION:
; APPLICANT: de Lange, Titia
; APPLICANT: Smith, Susan
; TITLE OF INVENTION: A PROTEIN THAT BINDS TO TRF1 AND METHODS
; TITLE OF INVENTION: OF USE THEREOF
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue, 4th Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/196,387
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/095,225
; FILING DATE: June 10, 1998
; ATTORNEY/AGENT INFORMATION:
```

```
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-230 CIP1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PRIMER"
; HYPOTHETICAL: NO
US-09-196-387-6

Query Match          0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1593 CGTGGTGACACCG 1606
Db 16 CGTGGTGACACCG 3

RESULT 1363
US-09-430-921A-6/c
; Sequence 6, Application US/09430921A
; Patent No. 6277639
; GENERAL INFORMATION:
; APPLICANT: Passmore, Steven E.
; APPLICANT: Marykwas, Donna L.
; TITLE OF INVENTION: METHOD FOR MULTIFRAGMENT IN VIVO
; TITLE OF INVENTION: CLONING AND MUTATION MAPPING
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Steven Passmore
; STREET: 702 Concart St.
; CITY: Hattiesburg
; STATE: Mississippi
; COUNTRY: USA
; ZIP: 39401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS 6
; SOFTWARE: Wordperfect 3.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/430,921A
; FILING DATE: 01-NOV-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,322A
; FILING DATE: January 13, 1996
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (601) 585-6008
; TELEFAX: (601) 585-8986
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid (Synthetic DNA)
US-09-430-921A-6

Query Match          0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 917 TGTTCCTGTTCCAG 930
Db 14 TGTTCCTGTTCCAG 1
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Db 14 TGTCTCTGTTCGAG 1

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RESULT 1364
US-08-483-211A-57
; Sequence 57, Application US/08483211A
; Patent No. 6309853
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; TITLE OF INVENTION: USES THEREOF
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,211A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: June 7, 1995
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6309853ember 30, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer sWSS1174
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
; SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-08-483-211A-57
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```
Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 584 TATCTGAGATTGGC 597
Db 3 TATCTGAGATTGGC 16
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RESULT 1365
US-08-488-223A-57
; Sequence 57, Application US/08488223A
; Patent No. 6350730
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC
; TITLE OF INVENTION: ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THERE
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,223A
; FILING DATE: 07-Jun-1995
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6350730ember 30, 1994
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer sWSS1174
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
; SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-08-488-223A-57

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 584 TATCTGAGATTGGC 597
Db 3 TATCTGAGATTGGC 16

RESULT 1366
US-08-679-645-1157
; Sequence 1157, Application US/08679645
; Patent No. 6350914
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
```

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; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1157:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-1157

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 7.4e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 110 CCCGCCGCGATCGCC 123
Db 4 CCCGCCGCGCGCC 17

RESULT 1367
US-08-679-645-1159
; Sequence 1159, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR

```

```

; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1159:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-1159

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 7.4e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 110 CCCGCCGCGATCGCC 123
Db 1 CCCGCCGCGCGCC 14

RESULT 1368
US-08-438-431A-57
; Sequence 57, Application US/08438431A
; Patent No. 6429290
; GENERAL INFORMATION:
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI,
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PR
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/438,431A

```

```
/
/ FILING DATE: May 10, 1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/347,563
/ FILING DATE: No. 6429290ember 30, 1994
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/292,345
/ FILING DATE: August 17, 1994
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jackson Esq., David A.
/ REGISTRATION NUMBER: 26,742
/ REFERENCE/DOCKET NUMBER: 600-1-087 CIP1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 201 487-5800
/ TELEFAX: 201 343-1684
/ TELEX: 133521
/ INFORMATION FOR SEQ ID NO: 57:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (primer)
/ DESCRIPTION: sequence tagged-site specific PCR primer
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ ORGANISM: Human
/
/ US-08-438-431A-57

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 584 TATCTGACATTGGC 597
Db 3 TATCTGACATTGGC 16

RESULT 1369
US-08-488-225A-57
/ Sequence 57, Application US/08488225A
/ Patent No. 6471956
/ GENERAL INFORMATION:
/ APPLICANT: THE ROCKEFELLER UNIVERSITY
/ TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
/ TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USE
/ NUMBER OF SEQUENCES: 98
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Klauber & Jackson
/ STREET: 411 Hackensack Avenue
/ CITY: Hackensack
/ STATE: New Jersey
/ COUNTRY: USA
/ ZIP: 07601
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/488,225A
/ FILING DATE: June 7, 1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/483,211
/ FILING DATE: June 7, 1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/438,431
/ FILING DATE: May 10, 1995
```

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/
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/347,563
/ FILING DATE: No. 6471956ember 30, 1994
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/292,345
/ FILING DATE: August 17, 1994
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jackson Esq., David A.
/ REGISTRATION NUMBER: 26,742
/ REFERENCE/DOCKET NUMBER: 600-1-087 CIP2J
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 201 487-5800
/ TELEFAX: 201 343-1684
/ TELEX: 133521
/ INFORMATION FOR SEQ ID NO: 57:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (primer)
/ DESCRIPTION: sequence tagged-site specific PCR primer
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ ORGANISM: Human
/
/ US-08-488-225A-57

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 584 TATCTGACATTGGC 597
Db 3 TATCTGACATTGGC 16

RESULT 1370
US-08-559-390-263/C
/ Sequence 263, Application US/08559390
/ Patent No. 6479261
/ GENERAL INFORMATION:
/ APPLICANT: Abrams, Mark A.
/ APPLICANT: Bauer, S. C.
/ APPLICANT: Braford-Goldberg, Sarah R.
/ APPLICANT: Caparon, Mairé H.
/ APPLICANT: Easton, Alan M.
/ APPLICANT: Klein, Barbara K.
/ APPLICANT: McKearn, John P.
/ APPLICANT: Olin, Peter O.
/ APPLICANT: Paik, Kuman
/ APPLICANT: Polazzi, Joseph O.
/ APPLICANT: Thomas, John W.
/ TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
/ NUMBER OF SEQUENCES: 549
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
/ ADDRESS: Corporate Patent Dept.
/ STREET: P. O. Box 5110
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: USA
/ ZIP: 60680
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
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/ APPLICATION NUMBER: US/08/559,390
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA: 08/411,796
/ APPLICATION NUMBER: 08/411,796
/ FILING DATE:
/ APPLICATION NUMBER: US 07/981044
/ FILING DATE: 24-NOV-1992
/ PRIOR APPLICATION DATA: PCT/US93/11198
/ FILING DATE: 22-NOV-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Bennett, Dennis A.
/ REGISTRATION NUMBER: 34,547
/ REFERENCE/DOCKET NUMBER: C2713/1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (708)470-6501
/ TELEFAX: (708)470-6881
/ INFORMATION FOR SEQ ID NO: 263:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (synthetic)
/ US-08-559-390-263

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 133 ATGAAGAAGATCAA 146
Db 17 ATGAAGAGACCAA 4
|||||

RESULT 1371
US-09-841-835-6/c
/ Sequence 6, Application US/09841835
/ Patent No. 6506587
/ GENERAL INFORMATION:
/ APPLICANT: de Lange, Titia
/ APPLICANT: Smith, Susan
/ TITLE OF INVENTION: A PROTEIN THAT BINDS TO TREP1 AND METHODS
/ TITLE OF INVENTION: OF USE THEREOF
/ NUMBER OF SEQUENCES: 12
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Klauber & Jackson
/ STREET: 411 Hackensack Avenue, 4th Floor
/ CITY: Hackensack
/ STATE: New Jersey
/ COUNTRY: USA
/ ZIP: 07601
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/841,835
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/196,387
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jackson Esq., David A.
/ REGISTRATION NUMBER: 26,742
/ REFERENCE/DOCKET NUMBER: 600-1-230 CIP1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 201-487-5800
/ TELEFAX: 201-343-1684
/ TELEX: 133521

/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "PRIMER"
/ HYPOTHETICAL: NO
/ US-09-841-835-6

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1593 CGTGGTGGACACCG 1606
Db 16 CGTGGTGGACCGG 3
|||||

RESULT 1372
US-09-187-330-7
/ Sequence 7, Application US/09187330
/ Patent No. 6613740
/ GENERAL INFORMATION:
/ APPLICANT: Gozes, Iilana
/ APPLICANT: Brennenman, Douglas E.
/ APPLICANT: Bassan, Merav
/ APPLICANT: Zamostiano, Rachel
/ APPLICANT: The Government of the United States of America
/ APPLICANT: as represented by the Secretary of the
/ APPLICANT: Department of Health and Human Services
/ TITLE OF INVENTION: Activity Dependent Neurotrophic Factor III (ADNF III)
/ FILE REFERENCE: 015280-291200US
/ CURRENT APPLICATION NUMBER: US/09/187,330
/ CURRENT FILING DATE: 1998-11-06
/ EARLIER APPLICATION NUMBER: US 60/037,404
/ EARLIER FILING DATE: 1997-02-07
/ EARLIER APPLICATION NUMBER: WO PCT/US98/02485
/ EARLIER FILING DATE: 1998-02-06
/ NUMBER OF SEQ ID NOS: 63
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 7
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:sense primer
/ OTHER INFORMATION: for amplification of ADNF III cDNA
/ US-09-187-330-7

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1722 CCATGTTCACTGC 1735
Db 3 CAATGTTCACTGC 16
|||||

RESULT 1373
US-09-489-855-9/c
/ Sequence 9, Application US/09489855
/ Patent No. 6708473
/ GENERAL INFORMATION:
/ APPLICANT: Edman, Carl
/ APPLICANT: Heller, Michael
/ APPLICANT: Gurtner, Christian
/ APPLICANT: Formosa, Rachel
/ TITLE OF INVENTION: SYSTEMS AND DEVICES FOR PHOTOELECTROPHORETIC TRANSPORT AND
/ TITLE OF INVENTION: HYBRIDIZATION OF OLIGONUCLEOTIDES
/ FILE REFERENCE: US 402
/ CURRENT APPLICATION NUMBER: US/09/489,855

; CURRENT FILING DATE: 2000-01-24
; PRIOR APPLICATION NUMBER: US 09/436,311
; PRIOR FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: US 08/760,933
; PRIOR FILING DATE: 1996-12-06
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-489-855-9

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 615 CTACATTAAAGCTGG 628
Db 15 CAACATTAAGCTGG 2
|||||

RESULT 1374

US-09-765-111A-30/c
; Sequence 30, Application US/09765111A
; Patent No. 6723506

; GENERAL INFORMATION:
; APPLICANT: Fletcher, Jonathan A.
; APPLICANT: Kroll, Todd G.
; TITLE OF INVENTION: PAX8-PPARGgamma NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: AND POLYPEPTIDES AND USES THEREOF
; FILE REFERENCE: B0801/7196/ERP/WAT
; CURRENT APPLICATION NUMBER: US/09/765,111A
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/177,109
; PRIOR FILING DATE: 2000-01-20
; PRIOR APPLICATION NUMBER: US 60/225,079
; PRIOR FILING DATE: 2000-08-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 30
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-765-111A-30

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1120 CTGCTTGGTCCAC 1133
Db 14 CTGCTTGGTCCGC 1
|||||

RESULT 1375

US-09-856-662-87/c
; Sequence 87, Application US/09856662
; Patent No. 6790616

; GENERAL INFORMATION:
; APPLICANT: MORIBE, Toyoki et al.
; TITLE OF INVENTION: Method for typing HLA class 1 genes
; FILE REFERENCE: 0032-0261P
; CURRENT APPLICATION NUMBER: US/09/856,662
; CURRENT FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: JP P1998-335151
; PRIOR FILING DATE: 1998-11-26
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: PatentIn ver. 2.0
; SEQ ID NO 87
; LENGTH: 18

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PCR primer
US-09-856-662-87

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 549 CAAGCCCTCAGCC 562
Db 18 CAAGCCCTCAGCC 5
|||||

RESULT 1376

PCT-US91-03056-6
; Sequence 6, Application PC/TUS9103056
; GENERAL INFORMATION:

; APPLICANT: Vakharia, Vikram
; TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES
; TITLE OF INVENTION: ASSOCIATED WITH US IDV VARIANTS, VECTOR CARRYING DNA
; TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO ACID
; TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Viviana Amzel, Ph.D.
; STREET: 112 East Pecan, 2000 NBC Bank Plaza
; CITY: San Antonio
; STATE: Texas
; COUNTRY: USA
; ZIP: 78205
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03056
; FILING DATE: 19910718
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/514,202
; FILING DATE: 14-MAY-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel Ph.D., Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: U-0125.02
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/554-5325
; TELEFAX: 512/226-8395
; TELEX: 762609
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: both
; TOPOLOGY: linear
PCT-US91-03056-6

Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1067 CAAAGACATATCC 1080
Db 3 CAAAGACATATCC 16
|||||

RESULT 1377

PCT-US92-00626-2/c
; Sequence 2, Application PC/TUS9200626


```
;
; GENERAL INFORMATION:
; APPLICANT: ROSENBERG, ROBERT D
; APPLICANT: SIMONS, MICHAEL
; APPLICANT: EDELMAN, ELAZER
; APPLICANT: LANGER, ROBERT S
; APPLICANT: DEKYSER, JEAN-LUC
; TITLE OF INVENTION: LOCALIZED OLIGONUCLEOTIDE THERAPY
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TESTA HURWITZ & THIBEAULT
; STREET: EXCHANGE PLACE, 53 STATE STREET
; CITY: BOSTON
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/00626
; FILING DATE: 19921105
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 792,146
; FILING DATE: 08-NOV-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 723,454
; FILING DATE: 28-JUN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: PITCHER ESQ, EDMUND R
; REGISTRATION NUMBER: 27,829
; REFERENCE/DOCKET NUMBER: MITS583CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/248-7100
; TELEFAX: 617/248-7100
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; ANTI-SENSE: YES
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..18
; OTHER INFORMATION: /standard_name= "ANTISENSE HUMAN"
; OTHER INFORMATION: NMHC"
; OTHER INFORMATION: /note= "ANTISENSE SEQUENCE TO HUMAN NMHC"
; PCT-US92-00626-2
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Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 1216 TCCACGGTGGAGGA 1229
Db 18 TCCAAGGTGGAGGA 5
```

```
RESULT 1378
PCT-US93-11198-263/c
; Sequence 263, Application PC/TUS9311198
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Braford-Goldberg, Sarah R.
; APPLICANT: Caparon, Mair H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
```

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;
; APPLICANT: Oline, Peter O.
; APPLICANT: Paik, Kumnan
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; ADDRESSEE: Corporate Patent Dept.
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981044
; FILING DATE: 24-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708)470-6501
; TELEFAX: (708)470-6881
; INFORMATION FOR SEQ ID NO: 263:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; PCT-US93-11198-263
```

```
Query Match 0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

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Qy 133 ATGAAGAAGATCAA 146
Db 17 ATGAAGAAGACCAA 4
```

```
RESULT 1379
US-08-631-200-20
; Sequence 20, Application US/08631200
; Patent No. 5646040
; GENERAL INFORMATION:
; APPLICANT: Kleyn, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
```

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/631,200
;; FILING DATE: 12-APR-1996
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Coruzzi, Laura A.
;; REGISTRATION NUMBER: 30,742
;; REFERENCE/DOCKET NUMBER: 7853-057
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 790-9090
;; TELEX: 66141 PENNIE
;; INFORMATION FOR SEQ ID NO: 20:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA
US-08-631-200-20

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 237 TGGTGGCGGCGAGTG 250
|||||
DB 6 TGGTGGAGGAGTG 19

RESULT 1380
US-08-363-233B-7
; Sequence 7, Application US/08363233B
; Patent No. 5714383
; GENERAL INFORMATION:
; APPLICANT: Thompson, James D.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATING CHRONIC
; MYELOGENOUS LEUKEMIA
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: FastSeq for Windows 2.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/363,233B
;; FILING DATE: December 23, 1994
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; PRIOR APPLICATION DATA: including application
;; PRIOR APPLICATION DATA: Described below:
;; APPLICATION NUMBER: 07/882,822
;; FILING DATE: May 14, 1992
;; APPLICATION NUMBER: 08/193,922
;; FILING DATE: February 7, 1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 209/165
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 7:

;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-363-233B-7

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 71.4%; Pred. No. 8.1e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 522 GCTGACCTCAATA 535
|||||
DB 3 GCUGACCAUAUA 16

RESULT 1381
US-08-446-919A-8
; Sequence 8, Application US/08446919A
; Patent No. 5736389
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth W.

;; APPLICANT: Vogelstein, Bert
;; TITLE OF INVENTION: EBI Gene Product Binds to APC
;; NUMBER OF SEQUENCES: 12
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Banner & Allegretti, Ltd.
;; STREET: 1001 G Street, N.W.
;; CITY: Washington
;; STATE: D.C.
;; COUNTRY: U.S.
;; ZIP: 20001-4597
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/446,919A
;; FILING DATE:
;; CLASSIFICATION: 544
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Kagan, Sarah A.
;; REGISTRATION NUMBER: 32,141
;; REFERENCE/DOCKET NUMBER: 01107.49255
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202.508.9100
;; TELEFAX: 202.508.9299
;; INFORMATION FOR SEQ ID NO: 8:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
US-08-446-919A-8

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 449 TCTCCACTGAGGAC 462
|||||
DB 4 TCTCCACTGAGGTC 17

RESULT 1382
US-08-446-919A-12
; Sequence 12, Application US/08446919A
; Patent No. 5736389
; GENERAL INFORMATION:

; APPLICANT: Kinzler, Kenneth W.
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: E81 Gene Product Binds to APC
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/446,919A
; FILING DATE:
; CLASSIFICATION: 544
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 01107.49255
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-446-919A-12

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 449 TCTCCACTGAGGAC 462
|||||
Db 4 TCTCCACTGAGGTC 17

RESULT 1383
US-08-829-553-20
; Sequence 20, Application US/08829553
; Patent No. 581762
; GENERAL INFORMATION:
; APPLICANT: Kleyn, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/829,553
; FILING DATE: 28-MAR-1997
; CLASSIFICATION: 530

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/631,200
; FILING DATE: 12-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-057
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-829-553-20

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 237 TGGTGGCGCAGTG 250
|||||
Db 6 TGGTGGCGCAGTG 19

RESULT 1384
US-08-117-952-247/c
; Sequence 247, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 247:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO

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; ANTI-SENSE: NO
US-08-117-952-247

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 226 GAGCTGGTGGTG 239
   ||| ||||| |||||
Db 14 GAGTGGTGGTG 1

RESULT 1385
US-08-117-952-384
; Sequence 384, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 384:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-384

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1450 CATGCATTCCTCCT 1463
   ||| ||||| |||||
Db 1 CATGCATTCCTCCT 14

RESULT 1386
US-08-922-267A-20
; Sequence 20, Application US/08922267A
; Patent No. 5861239
; GENERAL INFORMATION:
; APPLICANT: Moore, Karen J.
; APPLICANT: Klevn, Patrick W.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/922,267A
; FILING DATE: 2-SEP-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/829,553
; FILING DATE: 28-MAR-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/631,200
; FILING DATE: 12-APR-1996
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-085
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-922-267A-20

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 237 TGGTGGCGGCAGTG 250
   ||||| ||||| |||||
Db 6 TGGTGGCGGCAGTG 19

RESULT 1387
US-08-936-707A-20
; Sequence 20, Application US/08936707A
; Patent No. 5871931
; GENERAL INFORMATION:
; APPLICANT: Moore, Karen J.
; APPLICANT: Klevn, Patrick W.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/936,707A
; FILING DATE: 24-SEP-1997
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-936-707A-20

Query Match      0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      237 TGGTGGCGGCAGTG 250
Db      6 TGGTGGAGGCAGTG 19
      ||||| |||||

RESULT 1388
US-08-936-706A-20
; Sequence 20, Application US/08936706A
; Patent No. 5876919
; GENERAL INFORMATION:
; APPLICANT: Klynn, Patrick W.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/936,706A
; FILING DATE: 24-SEP-1997
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-099
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-936-706A-20

Query Match      0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      237 TGGTGGCGGCAGTG 250
Db      6 TGGTGGAGGCAGTG 19
      ||||| |||||

RESULT 1389
US-09-248-203-20
; Sequence 20, Application US/09248203
; Patent No. 6043346
; GENERAL INFORMATION:
; APPLICANT: Klynn, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/248,203
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/936,707
; FILING DATE: 24-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-248-203-20

Query Match      0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      237 TGGTGGCGGCAGTG 250
Db      6 TGGTGGAGGCAGTG 19
      ||||| |||||

RESULT 1390
US-08-894-173-9
; Sequence 9, Application US/08894173A
; Patent No. 6090612
; GENERAL INFORMATION:
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NAME: COLUZZI, LAURA A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7853-100

```
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-406-071-20

Query Match      0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      237 TGGTGGCGGCAGTG 250
Db      6 TGGTGGAGGCAGTG 19

RESULT 1394
; Sequence 162, Application US/09091952A
; Patent No. 6458532
; GENERAL INFORMATION:
; APPLICANT: Detera-Wadleigh, Sevilla D.
; Gershon, Elliot S.
; Badner, Judith A.
; Goldin, Lynn R.
; Berrettini, Wade H.
; Yoshikawa, Takeo
; Sanders, Alan R.
; Esterling, Lisa E.
; TITLE OF INVENTION: Chromosomal Markers and Diagnostic
; Tests for Manic-Depressive Illness
; NUMBER OF SEQUENCES: 197
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/091,952A
; FILING DATE: 19-Apr-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,278
; FILING DATE: 28-OCT-1996
; APPLICATION NUMBER: PCT/US97/19381
; FILING DATE: 28-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, Timothy L.
; REGISTRATION NUMBER: 35,367
; REFERENCE/DOCKET NUMBER: 015280-297100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 162:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1...19
; OTHER INFORMATION: Clone 30 forward primer
; US-09-091-952A-162

Query Match      0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      308 CACTCAGCTCTGCA 321
Db      3 CACTCAGCTCTGTA 16

RESULT 1395
; US-09-402-690-15/c
; Sequence 15, Application US/09402690
; Patent No. 6475727
; GENERAL INFORMATION:
; APPLICANT: Kufer, Peter
; APPLICANT: Zippelius, Alfred
; TITLE OF INVENTION: PRIMERS AND METHODS FOR THE DETECTION OF
; TITLE OF INVENTION: DISSEMINATED TUMOR CELLS
; FILE REFERENCE: VOSS1100
; CURRENT APPLICATION NUMBER: US/09/402,690
; CURRENT FILING DATE: 1999-12-17
; PRIOR APPLICATION NUMBER: PCT/EP98/02081
; PRIOR FILING DATE: 1998-04-09
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
; US-09-402-690-15

Query Match      0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1386 CCTCCTCACCAGC 1399
Db      15 CCTCCTCACCAGC 2

RESULT 1396
; US-09-446-081-6
; Sequence 6, Application US/09446081
; Patent No. 6518023
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; TITLE OF INVENTION: High resolution physical maps of genomic DNA
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 5.0
; SOFTWARE: Microsoft Word for Windows, vers. 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/446,081
; FILING DATE: 27-Mar-2000
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; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/884,189
; FILING DATE: 27-JUN-97
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent M. Powers
; REGISTRATION NUMBER: 36,246
; REFERENCE/DOCKET NUMBER: 5525-0036.41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 324-0880
; TELEFAX: (650) 324-0960
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-446-081-6

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 669 CAAAAGCAAGCTCA 682
DB 1 CAAAAGCAAGCGCA 14

RESULT 1397
US-09-422-978-5164
; Sequence 5164, Application US/09422978
; Patent No. 6537751

; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5164
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-22160 for SEQ 1230,
US-09-422-978-5164

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 720 ACATGAAGGGGG 733
DB 4 ACATGAAGAGGGG 17

RESULT 1398
US-09-422-978-5816
; Sequence 5816, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5816
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-7103 for SEQ 1882,
US-09-422-978-5816

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1448 AACATCCATTCTTC 1461
DB 2 AACATCCATTCTTC 15

RESULT 1399
US-09-422-978-8728/c
; Sequence 8728, Application US/09422978
; Patent No. 6537751

; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8728
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-17845 for SEQ 863, in compleme
US-09-422-978-8728

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 827 CCTCACCCCTTGTC 840
DB 18 CCTCATCTTGTC 5

RESULT 1400
US-09-230-652-92/c
; Sequence 92, Application US/09230652A


```
; Patent No. 6537775
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; TITLE OF INVENTION: THERAPEUTIC APPLICATION
; FILE REFERENCE: 03715, 0048-00000
; CURRENT APPLICATION NUMBER: US/09/230,652A
; CURRENT FILING DATE: 1999-05-17
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 97 04680
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 92
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-92

Query Match      0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 158 CAATGACACTCCGA 171
Db 18 CAATGACACTCCGA 5

RESULT 1401
US-09-755-665-74/c
; Sequence 74, Application US/09755665
; Patent No. 6600019
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tailon, Bruce E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: MacDougall, John
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/09/755,665
; CURRENT FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
; PRIOR FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 74
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-09-755-665-74

Query Match      0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 GTTCCAGCTGCTCC 937
Db 17 GTTCCAGCTGCTCC 4

RESULT 1402
US-09-785-381-7/c
; Sequence 7, Application US/09785381
; Patent No. 6602992
; GENERAL INFORMATION:
; APPLICANT: DALLOS, Peter
; APPLICANT: ZHENG, Jing
; APPLICANT: MADISON, Laird
; TITLE OF INVENTION: A MAMMALIAN PRESTIN
; FILE REFERENCE: 0290-37U1
; CURRENT APPLICATION NUMBER: US/09/785,381
; CURRENT FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: US 60/183,461
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Pres-specific Primer, sense
US-09-785-381-7

Query Match      0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCCGGT 940
Db 19 CCAGCTGCTCCGGT 6

RESULT 1403
US-09-814-986-20
; Sequence 20, Application US/09814986
; Patent No. 6605437
; GENERAL INFORMATION:
; APPLICANT: Kleyn, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/09/814,986
; FILING DATE: 22-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/936,707
; FILING DATE: 24-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-09-814-986-20

Query Match      0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 237 TGGTGGCGGCACTG 250
Db      ||||| |||||
        6 TGGTGGCGGCACTG 19

RESULT 1404
US-09-696-791-321/c
; Sequence 321, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 321
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-321

Query Match      0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 770 AGGACCTCAACAC 783
Db      ||||| |||||
        19 AGGAACTCAACAC 6

RESULT 1405
US-09-696-791-322/c
; Sequence 322, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 322
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-322

Query Match      0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 770 AGGACCTCAACAC 783
Db      ||||| |||||
        18 AGGAACTCAACAC 5

; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-09-696-791-719
; Sequence 719, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 719
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk7 ribozyme binding site
US-09-696-791-719

Query Match      0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 834 CCTTGCTTTGAGT 847
Db      ||||| |||||
        2 CCTTGCTTTGAGT 15

RESULT 1407
US-09-696-791-854/c
; Sequence 854, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 854
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk7 ribozyme binding site
US-09-696-791-854

Query Match      0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 485 CAGCTGACATCCG 498
Db      ||||| |||||
        15 CAGCTGACATCCAG 2

RESULT 1408
US-09-809-665A-86
; Sequence 86, Application US/09809665A
; Patent No. 6790950
; GENERAL INFORMATION:
; APPLICANT: Lowery E., David, et al.
; TITLE OF INVENTION: Anti-Bacterial Vaccine Compositions
; FILE REFERENCE: 28341/00435
; CURRENT APPLICATION NUMBER: US/09/809,665A
```

; CURRENT FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: 60/153,453
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: 60/128,689
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 09/545,199
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 197
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 86
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PRIMER
US-09-809-665A-86

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1100 GGTACCGGCGCCCT 1113
|||||
Db 6 GGTACCGGCGCCCT 19

RESULT 1409
US-09-866-108A-9023
; Sequence 9023, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9023
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9023

Query Match 0.7%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 862 CTGAAGCAGTACTGGA 878
|||||
Db 1 CTGGAAGTACGTGGA 17
|||||

RESULT 1410
US-08-009-263C-37/c
; Sequence 37, Application US/08009263C
; Patent No. 5442049
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
; TITLE OF INVENTION: Oligonucleotides for Modulating the
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5442049ris
; STREET: One Liberty Place -- 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/009,263C
; FILING DATE: January 25, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 927,506
; FILING DATE: No. 5442049ember 19, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0844
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEetical: NO
; ANTI-SENSE: YES
US-08-009-263C-37

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAA 146
|||||
Db 17 CGCAAGAGAGAGAGCAA 1
|||||

RESULT 1411
US-08-217-016-3/c
; Sequence 3, Application US/08217016
; Patent No. 5474981
; GENERAL INFORMATION:
; APPLICANT: Leder, Philip
; APPLICANT: Luster, Andrew
; TITLE OF INVENTION: USE OF THE CYTOKINE IP-10 AS
; TITLE OF INVENTION: AN ANTI-TUMOR AGENT

```
;
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 502 or 55SX
; OPERATING SYSTEM: MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/217,016
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/935,587
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00383/020001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-217-016-3

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1645 CTGAGGAGTCCACAC 1661
DB 17 CTGGAGAGAGCCAGC 1

RESULT 1412
US-08-061-062A-12/c
; Sequence 12, Application US/08061062A
; Patent No. 5550045
; GENERAL INFORMATION:
; APPLICANT: MUSTERS, WOUTER
; APPLICANT: STAM, HEIN
; APPLICANT: SUYKERBUIK, MARIA E.
; APPLICANT: VISSER, JACOB
; APPLICANT: VERBAKEL, Johannes M.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF DNA
; TITLE OF INVENTION: CODING A RIPENING FORM OF A POLYPEPTIDE HAVING
; TITLE OF INVENTION: RHAMNOGALACTURONASE ACTIVITY
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN DABRY & CUSHMAN
; STREET: 1100 NEW YORK AVENUE, N.W.
; CITY: WASHINGTON, D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3918
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/061,062A
; FILING DATE: 14 MAY 1993
```

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;
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: KOKULIS, PAUL N.
; REGISTRATION NUMBER: 16773
; REFERENCE/DOCKET NUMBER: 202390/R 7262 (V)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 861-3000
; TELEFAX: (202) 822-0944
; TELEX: 6714627 CUSH
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: primer RHGKPN
; US-08-061-062A-12

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 880 GACTGTGGGAACATCAT 896
DB 17 GCCAGTGGGAACATCAT 1

RESULT 1413
US-08-050-073-175/c
; Sequence 175, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert L.
; APPLICANT: Scharf, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRbeta DNA
; TITLE OF INVENTION: Typing
; NUMBER OF SEQUENCES: 315
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,073
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 8769
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 175:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
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US-08-050-073-175

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 957 CCGGACAGAGTGCTAC 973
Db 17 CCGACAGAGTGCTAC 1

RESULT 1414

US-08-337-268A-12
; Sequence 12, Application US/08337268A

; Patent No. 5589336

; GENERAL INFORMATION:

; APPLICANT: Lee, Sohee

; APPLICANT: Redman, Colvin L.

; TITLE OF INVENTION: Diagnostic Method and Kit for

; TITLE OF INVENTION: Determining Kell Blood Group

; TITLE OF INVENTION: Genotype

; NUMBER OF SEQUENCES: 60

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Ronald J. Baron, Esq.

; ADDRESSEE: Hoffmann & Baron

; STREET: 350 Jericho Turnpike

; CITY: Jericho

; STATE: New York

; COUNTRY: USA

; ZIP: 11753

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: MS-DOS

; SOFTWARE: WordPerfect 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/337,268A

; FILING DATE: 11-OCT-1994

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA: No. 5589336e

; ATTORNEY/AGENT INFORMATION:

; NAME: Baron, Ronald J.

; REGISTRATION NUMBER: 29,281

; REFERENCE/DOCKET NUMBER: 454-3

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (516) 822-3550

; TELEFAX: (516) 822-3582

; INFORMATION FOR SEQ ID NO: 12:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 nucleotides

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: genomic DNA

; HYPOTHETICAL: no

US-08-337-268A-12

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 359 ATGGGGAGACTGACCAG 375
Db 1 ATGGGGAGACTGCTCG 17

RESULT 1415

US-08-344-695-20

; Sequence 20, Application US/08344695

; Patent No. 5614398

; GENERAL INFORMATION:

; APPLICANT: O'BROCHTA, DAVID

; APPLICANT: WARREN, WILLIAM

; APPLICANT: ATKINSON, PETER
; TITLE OF INVENTION: A GENE TRANSFER SYSTEM FOR INSECTS
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/344,695

; FILING DATE: 18-NOV-1994

; CLASSIFICATION: 536

; ATTORNEY/AGENT INFORMATION:

; NAME: Kelber, Steven B.

; REGISTRATION NUMBER: 30,073

; REFERENCE/DOCKET NUMBER: 2747-058-27

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (703) 413-3000

; TELEFAX: (703) 413-2220

; TELEX: 248855 OPAT UR

; INFORMATION FOR SEQ ID NO: 20:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: unknown

; TOPOLOGY: unknown

; MOLECULE TYPE: other nucleic acid

US-08-344-695-20

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 455 CTGAGGACATCAACAAG 471
Db 1 CAGAGACACACACAAG 17

RESULT 1416

US-08-344-695-21/c

; Sequence 21, Application US/08344695

; Patent No. 5614398

; GENERAL INFORMATION:

; APPLICANT: O'BROCHTA, DAVID

; APPLICANT: WARREN, WILLIAM

; APPLICANT: ATKINSON, PETER

; TITLE OF INVENTION: A GENE TRANSFER SYSTEM FOR INSECTS

; NUMBER OF SEQUENCES: 50

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,

; ADDRESSEE: P.C.

; STREET: 1755 S. Jefferson Davis Highway, Suite 400

; CITY: Arlington

; STATE: Virginia

; COUNTRY: U.S.A.

; ZIP: 22202

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/344,695

; FILING DATE: 18-NOV-1994

; CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:
NAME: Kelber, Steven B.
REGISTRATION NUMBER: 30,073
REFERENCE/DOCKET NUMBER: 2747-058-27
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: other nucleic acid
US-08-344-695-21

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. NO. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 455 CTGAGGACATCAACAAG 471
DB 17 CAGAGACTTCACAAG 1

RESULT 1417
US-07-882-838E-12
Sequence 12, Application US/07882838E
Patent No. 5616461
GENERAL INFORMATION:
APPLICANT: Priscilla A. Schaffer
APPLICANT: Christine E. Dabrowski Anaral
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF VIRUS INFECTIONS
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn
STREET: One Liberty Place
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/882,838E
FILING DATE: May 14, 1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kathryn Leary
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: DFCI-0001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
TELEX:
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-882-838E-12

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. NO. 7.6e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1546 AGCCTTCGGTCTTCGTC 1562
DB 1 AGCGTTCGCACTTCGTC 17

RESULT 1418
US-08-373-124A-224
Sequence 224, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 224:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-224

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. NO. 7.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 337 GAGGACTTGAGATGGG 353
DB 1 GAGGACUUGAGAUUG 17

RESULT 1419
US-08-664-449-15

```

; Sequence 15, Application US/08664449
; Patent No. 5766905
; GENERAL INFORMATION:
; APPLICANT: Studier, F. W.
; APPLICANT: Rosenberg, Alan H.
; TITLE OF INVENTION: Cytoplasmic Bacteriophage Display System
; NUMBER OF SEQUENCES: 70
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brookhaven National Laboratory
; STREET: Building 902C
; CITY: Upton
; STATE: NY
; COUNTRY: US
; ZIP: 11973
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/664,449
; FILING DATE: 17-June-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Bogosian, Margaret
; REGISTRATION NUMBER: 25,324
; REFERENCE/DOCKET NUMBER: AUI-9618
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 344-3738
; TELEFAX: (516) 344-3729
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-664-449-15

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Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 799 CTACATGACATTTATCCA 815
Db 1 CTGATCTCATTTATCCA 17

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RESULT 1420
US-08-484-570A-12
; Sequence 12, Application US/08484570A
; Patent No. 5804379
; GENERAL INFORMATION:
; APPLICANT: Lee, Sohee
; APPLICANT: Redman, Colvin L.
; TITLE OF INVENTION: Diagnostic Method and Kit for
; TITLE OF INVENTION: Determining Kell Blood Group
; TITLE OF INVENTION: Genotype
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ronald J. Baron, Esq.
; ADDRESSEE: Hoffmann & Baron
; STREET: 350 Jericho Turnpike
; CITY: Jericho
; STATE: New York
; COUNTRY: USA
; ZIP: 11753
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:

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; APPLICATION NUMBER: US/08/484,570A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/337,268
; FILING DATE: 11-OCT-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Baron, Ronald J.
; REGISTRATION NUMBER: 29,281
; REFERENCE/DOCKET NUMBER: 454-3 CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 822-3550
; TELEFAX: (516) 822-3582
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; US-08-484-570A-12

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Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 359 ATGGGAGAGTGTGACCAG 375
Db 1 ATGGGAGAGTGTGCTG 17

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RESULT 1421
US-08-758-306-825
; Sequence 825, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600

```

TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 825:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-825

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 7.6e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 1500 TACTTCATATTGCAC 1516
DB 1 UCCUCCUUGUUGAC 17

RESULT 1422
US-08-758-306-849
Sequence 849, Application US/08758306
Patent No. 5807743

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:

REGISTRATION NUMBER: 32,327
NAME: Warburg, Richard J.
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 849:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-849

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 7.6e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 832 ACCCTTGCTTTGAGTA 848
DB 1 ACCUGAUCUUGUGUA 17

RESULT 1423

US-08-435-628-224
Sequence 224, Application US/08435628
Patent No. 5817796

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:

REGISTRATION NUMBER: 32,327
NAME: Warburg, Richard
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 224:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-224

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 337 GAGGACTTGAAGATGGG 353
DB 1 GAGGACUUGAGAUUG 17

RESULT 1424

<p>US-08-292-620A-1672</p> <p>; Sequence 1672, Application US/08292620A</p> <p>; Patent No. 5837542</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Susan Grimm</p> <p>; APPLICANT: Dan T. Stinchcomb</p> <p>; APPLICANT: James McSwiggen</p> <p>; APPLICANT: Sean Sullivan</p> <p>; APPLICANT: Kenneth G. Draper</p> <p>; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF INTRACELLULAR ADHESION MOLECULE-1 (I-CAM-1)</p> <p>; NUMBER OF SEQUENCES: 2390</p> <p>; CORRESPONDENCE ADDRESS:</p> <p>; ADDRESSEE: Lyon & Lyon</p> <p>; STREET: 633 West Fifth Street</p> <p>; CITY: Suite 4700</p> <p>; STATE: Los Angeles</p> <p>; COUNTRY: California</p> <p>; ZIP: 90071-2066</p> <p>; COMPUTER READABLE FORM:</p> <p>; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb</p> <p>; MEDIUM TYPE: storage</p> <p>; COMPUTER: IBM Compatible</p> <p>; OPERATING SYSTEM: IBM P.C. DOS 5.0</p> <p>; SOFTWARE: Word Perfect 5.1</p> <p>; CURRENT APPLICATION DATA:</p> <p>; APPLICATION NUMBER: US/08/292,620A</p> <p>; FILING DATE: August 17, 1994</p> <p>; CLASSIFICATION: 435</p> <p>; PRIOR APPLICATION DATA: including application</p> <p>; PRIOR APPLICATION DATA: described below:</p> <p>; CURRENT APPLICATION DATA:</p> <p>; APPLICATION NUMBER: 08/008,895</p> <p>; FILING DATE: January 19, 1993</p> <p>; FILING DATE: December 7, 1992</p> <p>; ATTORNEY/AGENT INFORMATION:</p> <p>; NAME: Warburg, Richard J.</p> <p>; REGISTRATION NUMBER: 32,327</p> <p>; REFERENCE/DOCKET NUMBER: 208/149</p> <p>; TELECOMMUNICATION INFORMATION:</p> <p>; TELEPHONE: (213) 489-1600</p> <p>; TELEFAX: (213) 955-0440</p> <p>; TELEX: 67-3510</p> <p>; INFORMATION FOR SEQ ID NO: 1672:</p> <p>; SEQUENCE CHARACTERISTICS:</p> <p>; LENGTH: 17 base pairs</p> <p>; TYPE: nucleic acid</p> <p>; STRANDEDNESS: single</p> <p>; TOPOLOGY: linear</p> <p>; US-08-292-620A-1672</p>	<p>two</p> <p>Query Match 0.7%; Score 12.2; DB 1; Length 17;</p> <p>Best Local Similarity 76.5%; Pred. No. 7, 6e+02;</p> <p>Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;</p> <p>QY 1658 ACACCCTCACAGGCA 1674</p> <p>DB 1 ACCCACCUCACAGGUA 17</p> <p>RESULT 1425</p> <p>US-08-292-620A-1676</p> <p>; Sequence 1676, Application US/08292620A</p> <p>; Patent No. 5837542</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Susan Grimm</p> <p>; APPLICANT: Dan T. Stinchcomb</p> <p>; APPLICANT: James McSwiggen</p> <p>; APPLICANT: Kenneth G. Draper</p> <p>; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF INTRACELLULAR ADHESION MOLECULE-1 (I-CAM-1)</p> <p>; NUMBER OF SEQUENCES: 2390</p> <p>; CORRESPONDENCE ADDRESS:</p> <p>; ADDRESSEE: Lyon & Lyon</p> <p>; STREET: 633 West Fifth Street</p> <p>; CITY: Suite 4700</p> <p>; STATE: Los Angeles</p> <p>; COUNTRY: California</p> <p>; ZIP: 90071-2066</p> <p>; COMPUTER READABLE FORM:</p> <p>; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb</p> <p>; MEDIUM TYPE: storage</p> <p>; COMPUTER: IBM Compatible</p> <p>; OPERATING SYSTEM: IBM P.C. DOS 5.0</p> <p>; SOFTWARE: Word Perfect 5.1</p> <p>; CURRENT APPLICATION DATA:</p> <p>; APPLICATION NUMBER: US/08/292,620A</p> <p>; FILING DATE: August 17, 1994</p> <p>; CLASSIFICATION: 435</p> <p>; PRIOR APPLICATION DATA: including application</p> <p>; PRIOR APPLICATION DATA: described below:</p> <p>; CURRENT APPLICATION DATA:</p> <p>; APPLICATION NUMBER: 08/008,895</p> <p>; FILING DATE: January 19, 1993</p> <p>; FILING DATE: December 7, 1992</p> <p>; ATTORNEY/AGENT INFORMATION:</p> <p>; NAME: Warburg, Richard J.</p> <p>; REGISTRATION NUMBER: 32,327</p> <p>; REFERENCE/DOCKET NUMBER: 208/149</p> <p>; TELECOMMUNICATION INFORMATION:</p> <p>; TELEPHONE: (213) 489-1600</p> <p>; TELEFAX: (213) 955-0440</p> <p>; TELEX: 67-3510</p> <p>; INFORMATION FOR SEQ ID NO: 1672:</p> <p>; SEQUENCE CHARACTERISTICS:</p> <p>; LENGTH: 17 base pairs</p> <p>; TYPE: nucleic acid</p> <p>; STRANDEDNESS: single</p> <p>; TOPOLOGY: linear</p> <p>; US-08-292-620A-1672</p>	<p>US-08-292-620A-1672</p> <p>; Sequence 1672, Application US/08292620A</p> <p>; Patent No. 5837542</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Sean Sullivan</p> <p>; APPLICANT: Kenneth G. Draper</p> <p>; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF INTRACELLULAR ADHESION MOLECULE-1 (I-CAM-1)</p> <p>; NUMBER OF SEQUENCES: 2390</p> <p>; CORRESPONDENCE ADDRESS:</p> <p>; ADDRESSEE: Lyon & Lyon</p> <p>; STREET: 633 West Fifth Street</p> <p>; CITY: Suite 4700</p> <p>; STATE: Los Angeles</p> <p>; COUNTRY: California</p> <p>; ZIP: 90071-2066</p> <p>; COMPUTER READABLE FORM:</p> <p>; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb</p> <p>; MEDIUM TYPE: storage</p> <p>; COMPUTER: IBM Compatible</p> <p>; OPERATING SYSTEM: IBM P.C. DOS 5.0</p> <p>; SOFTWARE: Word Perfect 5.1</p> <p>; CURRENT APPLICATION DATA:</p> <p>; APPLICATION NUMBER: US/08/292,620A</p> <p>; FILING DATE: August 17, 1994</p> <p>; CLASSIFICATION: 435</p> <p>; PRIOR APPLICATION DATA: including application</p> <p>; PRIOR APPLICATION DATA: described below:</p> <p>; CURRENT APPLICATION DATA:</p> <p>; APPLICATION NUMBER: 08/008,895</p> <p>; FILING DATE: January 19, 1993</p> <p>; FILING DATE: December 7, 1992</p> <p>; ATTORNEY/AGENT INFORMATION:</p> <p>; NAME: Warburg, Richard J.</p> <p>; REGISTRATION NUMBER: 32,327</p> <p>; REFERENCE/DOCKET NUMBER: 208/149</p> <p>; TELECOMMUNICATION INFORMATION:</p> <p>; TELEPHONE: (213) 489-1600</p> <p>; TELEFAX: (213) 955-0440</p> <p>; TELEX: 67-3510</p> <p>; INFORMATION FOR SEQ ID NO: 1672:</p> <p>; SEQUENCE CHARACTERISTICS:</p> <p>; LENGTH: 17 base pairs</p> <p>; TYPE: nucleic acid</p> <p>; STRANDEDNESS: single</p> <p>; TOPOLOGY: linear</p> <p>; US-08-292-620A-1676</p>	<p>two</p> <p>Query Match 0.7%; Score 12.2; DB 1; Length 17;</p> <p>Best Local Similarity 64.7%; Pred. No. 7, 6e+02;</p> <p>Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;</p> <p>QY 942 CCTGGCGTACTGCCACC 958</p> <p>DB 1 CCUCGGCUUCCGCCACC 17</p> <p>RESULT 1426</p> <p>US-08-292-620A-1770/c</p> <p>; Sequence 1770, Application US/08292620A</p> <p>; Patent No. 5837542</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Susan Grimm</p> <p>; APPLICANT: Dan T. Stinchcomb</p> <p>; APPLICANT: James McSwiggen</p> <p>; APPLICANT: Sean Sullivan</p> <p>; APPLICANT: Kenneth G. Draper</p> <p>; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF INTRACELLULAR ADHESION MOLECULE-1 (I-CAM-1)</p> <p>; NUMBER OF SEQUENCES: 2390</p> <p>; CORRESPONDENCE ADDRESS:</p> <p>; ADDRESSEE: Lyon & Lyon</p> <p>; STREET: 633 West Fifth Street</p> <p>; CITY: Suite 4700</p> <p>; STATE: Los Angeles</p> <p>; COUNTRY: California</p> <p>; ZIP: 90071-2066</p> <p>; COMPUTER READABLE FORM:</p> <p>; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb</p> <p>; MEDIUM TYPE: storage</p> <p>; COMPUTER: IBM Compatible</p> <p>; OPERATING SYSTEM: IBM P.C. DOS 5.0</p> <p>; SOFTWARE: Word Perfect 5.1</p> <p>; CURRENT APPLICATION DATA:</p> <p>; APPLICATION NUMBER: US/08/292,620A</p> <p>; FILING DATE: August 17, 1994</p> <p>; CLASSIFICATION: 435</p> <p>; PRIOR APPLICATION DATA: including application</p> <p>; PRIOR APPLICATION DATA: described below:</p> <p>; CURRENT APPLICATION DATA:</p> <p>; APPLICATION NUMBER: 08/008,895</p> <p>; FILING DATE: January 19, 1993</p> <p>; FILING DATE: December 7, 1992</p> <p>; ATTORNEY/AGENT INFORMATION:</p> <p>; NAME: Warburg, Richard J.</p> <p>; REGISTRATION NUMBER: 32,327</p> <p>; REFERENCE/DOCKET NUMBER: 208/149</p> <p>; TELECOMMUNICATION INFORMATION:</p> <p>; TELEPHONE: (213) 489-1600</p> <p>; TELEFAX: (213) 955-0440</p> <p>; TELEX: 67-3510</p> <p>; INFORMATION FOR SEQ ID NO: 1676:</p> <p>; SEQUENCE CHARACTERISTICS:</p> <p>; LENGTH: 17 base pairs</p> <p>; TYPE: nucleic acid</p> <p>; STRANDEDNESS: single</p> <p>; TOPOLOGY: linear</p> <p>; US-08-292-620A-1676</p>
---	--	---	---

; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1770:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1770
; two

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 40 GCAGAGGAGCAGCAGT 56
Db 17 GCAAGAGGAGCAGCAGT 1

RESULT 1427
US-08-292-620A-1809
; Sequence 1809, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California

; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1809:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1809
; two

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1658 ACACCCCTCACAGGCA 1674
Db 1 ACCCACCUCACAGGGUA 17

RESULT 1428
US-08-332-766A-94/c
; Sequence 94, Application US/08332766A
; Patent No. 5843647
; GENERAL INFORMATION:
; APPLICANT: JEFFREYS, Alec J.
; APPLICANT: ARMOUR, John
; TITLE OF INVENTION: SIMPLE TANDEM REPEATS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN DARBY & CUSHMAN, L.L.P.
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: D. C.
; COUNTRY: U.S.A.
; ZIP: 20005-3918
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/332,766A
; FILING DATE: 01-NOV-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9326052.9
; FILING DATE: 21-DEC-1993
; ATTORNEY/AGENT INFORMATION:

NAME: BIRD, Donald J.
REGISTRATION NUMBER: 25,323
REFERENCE/DOCKET NUMBER: 217211/M94/0434/GB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 861-3000
TELEFAX: (202) 822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-332-766A-94

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1634 GCAGGAGCGGCTGGAG 1650
Db 17 GGAGACAGAGGCTGGAG 1

RESULT 1429
US-08-468-819-63/c
Sequence 63, Application US/08468819
Patent No. 5871723
GENERAL INFORMATION:
APPLICANT: Strieter, Robert M.
APPLICANT: Polverini, Peter J.
APPLICANT: Kunkel, Steven L.
TITLE OF INVENTION: CXc Chemokines as Regulators of
TITLE OF INVENTION: Angiogenesis
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: TX
COUNTRY: US
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,819
FILING DATE: Concurrently herewith
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC-003/HYL
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7477
TELEX: N/A
INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-468-819-63

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1645 CTGGAGGATGCCACAC 1661
Db 17 CTGGAGAGAGCCACGC 1

RESULT 1430
US-08-464-276-3/c
Sequence 3, Application US/08464276
Patent No. 5935567
GENERAL INFORMATION:
APPLICANT: Leder, Philip
APPLICANT: Luster, Andrew
TITLE OF INVENTION: USE OF THE CYTOKINE IP-10 AS
TITLE OF INVENTION: AN ANTI-TUMOR AGENT
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,276
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/935,587
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00383/020002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-464-276-3

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1645 CTGGAGGATGCCACAC 1661
Db 17 CTGGAGAGAGCCACGC 1

RESULT 1431
US-08-909-742-3
Sequence 3, Application US/08909742
Patent No. 6007991
GENERAL INFORMATION:
APPLICANT: Vimala S. Sivaraman
APPLICANT: Hsien-Yu Wang
APPLICANT: Craig C. Malbon
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR MITOGEN-
TITLE OF INVENTION: ACTIVATED PROTEIN KINASES AS THERAPY FOR
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:

ADDRESSEE: Hoffmann & Baron, LLP
STREET: 350 Jericho Turnpike
CITY: Jericho
STATE: New York
COUNTRY: USA
ZIP: 11753
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/909,742
FILING DATE: August 12, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/831,994
FILING DATE: April 1, 1997
APPLICATION NUMBER: 08/827,520
FILING DATE: March 28, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Adams, Lindsay S.
REGISTRATION NUMBER: 36,425
REFERENCE/DOCKET NUMBER: 178-225 CIP II
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 822-3550
TELEFAX: (516) 822-3582
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: mRNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-909-742-3

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 560 GCCGCGCGCTCCGTCGT 576
|||||
Db 1 GCCGCGCGCGCGCCAU 17

RESULT 1432
US-08-909-742-4
Sequence 4, Application US/08909742
Patent No. 6007991
GENERAL INFORMATION:
APPLICANT: Vimala S. Sivaraman
APPLICANT: Hsien-Yu Wang
APPLICANT: Craig C. Malbon
TITLE OF INVENTION: ACTIVISED OLIGONUCLEOTIDES FOR MITOGEN-
TITLE OF INVENTION: ACTIVATED PROTEIN KINASES AS THERAPY FOR
TITLE OF INVENTION: BREAST CANCER
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann & Baron, LLP
STREET: 350 Jericho Turnpike
CITY: Jericho
STATE: New York
COUNTRY: USA
ZIP: 11753
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for windows
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/909,742
FILING DATE: August 12, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/831,994
FILING DATE: April 1, 1997
APPLICATION NUMBER: 08/827,520
FILING DATE: March 28, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Adams, Lindsay S.
REGISTRATION NUMBER: 36,425
REFERENCE/DOCKET NUMBER: 178-225 CIP II
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 822-3550
TELEFAX: (516) 822-3582
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-909-742-4

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 560 GCCGCGCGCTCCGTCGT 576
|||||
Db 1 GCCGCGCGCGCGCCAT 17

RESULT 1433
US-08-536-150-12/c
Sequence 12, Application US/08536150
Patent No. 6013489
GENERAL INFORMATION:
APPLICANT: MUSTERS, WOUTER
APPLICANT: STAM, HEIN
APPLICANT: SUYKERBUYK, MARIA E.
APPLICANT: VISSER, JACOB
APPLICANT: VERBAKEL, Johannes M.
TITLE OF INVENTION: CLONING AND EXPRESSION OF DNA
TITLE OF INVENTION: ENCODING A RIPENING FORM OF A POLYPEPTIDE HAVING
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN DABRY & CUSHMAN
STREET: 1100 NEW YORK AVENUE, N.W.
CITY: WASHINGTON, D.C.
COUNTRY: U.S.A.
ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/536,150
FILING DATE: 29-SEP-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/061,062
FILING DATE: 14 MAY 1993
ATTORNEY/AGENT INFORMATION:
NAME: KOKULIS, PAUL N.
REGISTRATION NUMBER: 16773
REFERENCE/DOCKET NUMBER: 202390/R 7262 (V)
TELECOMMUNICATION INFORMATION:

```
; TELEPHONE: (202) 861-3000
; TELEFAX: (202) 822-0944
; TELEX: 6714627 CUSH
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: primer RHGKPN
; US-08-536-150-12

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 880 GACTGTGGGAACATCAT 896
Db 17 GCCAGTGGGAACATGAT 1

RESULT 1434
US-08-985-162-67/c
; Sequence 67, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-67

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 880 GACTGTGGGAACATCAT 896
Db 17 GCCAGTGGGAACATGAT 1

RESULT 1434
US-08-985-162-67/c
; Sequence 67, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-67
```

```
Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 389 CCTCGGATGAGGTGCAG 405
Db 17 CCTCTGATGATCTGCAG 1

RESULT 1435
US-08-985-162-144
; Sequence 144, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 144:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-144

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 738 CTGCACCGCATCCGGG 754
Db 1 CUGCACCUCCAUCAGUG 17

RESULT 1436
US-08-985-162-173
; Sequence 173, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
```

```

; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 173:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-173

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```

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 7.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

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Qy 834 CTTGTCTTTGAGTACC 850
||:|:|:|:|:|:|
Db 1 CCAUGCCUUUGAGAAC 17

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RESULT 1437
US-08-985-162-174
; Sequence 174, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California

```

```

; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-174

```

```

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 7.6e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 835 CTTGTCTTTGAGTACC 851
||:|:|:|:|:|:|
Db 1 CAUGCCUUUGAGAAC 17

```

```

RESULT 1438
US-08-985-162-243/c
; Sequence 243, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476

```

;
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-243

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 69 ACCAGGGGAGGGCCCC 85
Db 17 AGCAAGAGGAGGGCCCC 1

RESULT 1439
US-08-985-162-253/c
; Sequence 253, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 253:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

;
; TOPOLOGY: linear
US-08-985-162-253

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1478 GGATCCACAAACTTCCT 1494
Db 17 GGCTCCACAAGCTCCCT 1

RESULT 1440
US-08-985-162-397/c
; Sequence 397, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 397:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-397

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1159 TGGGGTGTGGGCTGCAT 1175
Db 17 TGGGGTGTGAGCTGTAT 1

RESULT 1441
US-08-985-162-514/c

; Sequence 514, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 514:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-514

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1066 ACAAGACATCTCCAA 1082
DB 17 ACAATGAAAACTCCAA 1

RESULT 1442
US-08-998-099-47/c
; Sequence 47, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13

; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 47
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-47

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1270 GAGGAGACGTGGCCAGG 1286
DB 17 GAGGAGACGAGGCGGG 1

RESULT 1443
US-08-998-099-48/c
; Sequence 48, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 48
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-48

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1267 ACTGAGGAGACGTGGCC 1283
DB 17 ACAGAGGAGACGAGGGC 1

RESULT 1444
US-08-998-099-49/c
; Sequence 49, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13

;
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 49
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-49

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1265 CAACTGAGGAGCGTGG 1281
Db 17 CCACAGAGGAGACGAGG 1

RESULT 1445
US-09-071-845-1672
; Sequence 1672, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1672:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

;
; TOPOLOGY: linear
US-09-071-845-1672
Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
QY 1658 ACACCCTCACAGGCA 1674
Db 1 ACCACCUCACAGGUA 17
RESULT 1446
US-09-071-845-1676
; Sequence 1676, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1676:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-845-1676

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 942 CCTGGCCTACTGCCACC 958
||| : | : ||||
Db 1 CCUCGGCUUCUGCCACC 17

RESULT 1447

US-09-071-845-1770/c
; Sequence 1770, Application US/09071845
; Patent No. 6132967

```

/
/ GENERAL INFORMATION:
/
/ APPLICANT: Susan Grimm
/ APPLICANT: Dan T. Stinchcomb
/ APPLICANT: James McSwiggen
/ APPLICANT: Sean Sullivan
/ APPLICANT: Kenneth G. Draper
/
/ TITLE OF INVENTION: RIBOSOME TREATMENT OF
/ TITLE OF INVENTION: DISEASES OR CONDITIONS
/ TITLE OF INVENTION: RELATED TO LEVELS OF
/ TITLE OF INVENTION: INTRACELLULAR ADHESION
/ TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
/
/ NUMBER OF SEQUENCES: 2390
/
/ CORRESPONDENCE ADDRESS:
/
/

```

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels

QY 40 GCAGGAGGACCAGCAGT 56
||| ||||| |||||
Db 17 GCAAGAGGAAGAGCAGT 1

DEC 17 1948

US-09-071-845-1809

; Sequence 1809, Application US/09071845
 ; Patent No. 6132967
 ; GENERAL INFORMATION:

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels

QY 1658 ACACCCCTCACAGGCA 1674
Db 1 ACCCACCUCACAGGUA 17

RESULT 7449

US-08-838-715B-37/c
; Sequence 37, Application US/08838715B
; Patent No. 6153595

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,715B
; FILING DATE: April 9, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/568,366
; FILING DATE: 8/16/90
; APPLICATION NUMBER: 07/927,506
; FILING DATE: 11/19/92
; APPLICATION NUMBER: 08/009,263
; FILING DATE: 1/25/93
; APPLICATION NUMBER: 08/233,711
; FILING DATE: 4/26/94
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: 1SPH-0204
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEetical: NO
; ANTI-SENSE: YES
US-08-838-715B-37

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAA 146
||| ||||| |||||
Db 17 CGCAAGAAGAAGAGCAA 1

RESULT 1450
US-09-326-135-3/c
; Sequence 3, Application US/09326135
; Patent No. 6153600
; GENERAL INFORMATION:
; APPLICANT: Leder, Philip
; APPLICANT: Luster, Andrew
; TITLE OF INVENTION: USE OF THE CYTOKINE IP-10 AS AN
; TITLE OF INVENTION: ANTI-TUMOR AGENT
; FILE REFERENCE: 00383/020003
; CURRENT APPLICATION NUMBER: US/09/326,135
; CURRENT FILING DATE: 1999-06-04
; EARLIER APPLICATION NUMBER: 08/464,276
; EARLIER FILING DATE: 1995-06-05
; EARLIER APPLICATION NUMBER: 08/217,016
; EARLIER FILING DATE: 1994-03-23
; EARLIER APPLICATION NUMBER: 07/935,587
; EARLIER FILING DATE: 1992-08-26
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Fast-SEQ for Windows Version 3.0
; SEQ ID NO 3

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-326-135-3

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1645 CTGGAGGGATGCCACAC 1661
||||| |||||
Db 17 CTGGAGAGAGCCACGC 1

RESULT 1451
US-09-412-289-3
; Sequence 3, Application US/09412289
; Patent No. 6271210
; GENERAL INFORMATION:
; APPLICANT: Sivaraman, Vimala S.
; APPLICANT: Wang, Hsien-Yu
; APPLICANT: Malbon, Craig C.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR MITOGEN-ACTIVATED
; FILE OF INVENTION: PROTEIN KINASES AS THERAPY FOR CANCER
; FILE REFERENCE: Seq. 1-4 (178-225 CIP II/CON)
; CURRENT APPLICATION NUMBER: US/09/412,289
; CURRENT FILING DATE: 1999-10-05
; EARLIER APPLICATION NUMBER: 08/909,742
; EARLIER FILING DATE: 1997-08-12
; EARLIER APPLICATION NUMBER: 08/831,994
; EARLIER FILING DATE: 1997-04-01
; EARLIER APPLICATION NUMBER: 08/827,520
; EARLIER FILING DATE: 1997-03-28
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthesized
; OTHER INFORMATION: antisense oligonucleotide
US-09-412-289-3

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.8%; Pred. No. 7.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 560 GCGCGCGCTCCGTCGT 576
||||| |||||
Db 1 GCGCGCGCGCGCCCAU 17

RESULT 1452
US-09-412-289-4
; Sequence 4, Application US/09412289
; Patent No. 6271210
; GENERAL INFORMATION:
; APPLICANT: Sivaraman, Vimala S.
; APPLICANT: Wang, Hsien-Yu
; APPLICANT: Malbon, Craig C.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR MITOGEN-ACTIVATED
; FILE OF INVENTION: PROTEIN KINASES AS THERAPY FOR CANCER
; FILE REFERENCE: Seq. 1-4 (178-225 CIP II/CON)
; CURRENT APPLICATION NUMBER: US/09/412,289
; CURRENT FILING DATE: 1999-10-05
; EARLIER APPLICATION NUMBER: 08/909,742
; EARLIER FILING DATE: 1997-08-12
; EARLIER APPLICATION NUMBER: 08/831,994
; EARLIER FILING DATE: 1997-04-01
; EARLIER APPLICATION NUMBER: 08/827,520
; EARLIER FILING DATE: 1997-03-28
; NUMBER OF SEQ ID NOS: 4

; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthesized
; OTHER INFORMATION: antisense oligonucleotide
US-03-412-289-4

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 560 GCCGCCGCTCGTGT 576
Db 1 GCCGCCGCGCGGCAT 17

RESULT 1453
US-08-584-040-2376/c
; Sequence 2376, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2376:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-584-040-2376

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 764 TGCTCAGGACCTCAA 780
Db 17 TACTCAGGAGCTTAAA 1

RESULT 1454
US-08-584-040-2386/c
; Sequence 2386, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2386:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-584-040-2386

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 605 AACTGGAGACCTACATT 621
Db 17 AACTGGAGAAATACCTT 1

RESULT 1455
US-08-584-040-2742/c
; Sequence 2742, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:

```
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2742:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2742

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1060 ATCCCAACAAGACATA 1076
Db 17 ATCCCAATTAAGAATA 1

RESULT 1456
US-08-584-040-3820/c
; Sequence 3820, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
```

```
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 3820:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-3820

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 CATGCACACGTGAAC 916
Db 17 CTTGCACAAAGTGACAC 1

RESULT 1457
US-08-584-040-3890
; Sequence 3890, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
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;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/584,040
;; FILING DATE: January 11, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/005,974
;; FILING DATE: October 26, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/064
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 3890:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-584-040-3890

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 976 CGAGACCTCAAGCCCA 992
|||||: || ||||
Db 1 CGAGACCUAAAACCCA 17

RESULT 1458
US-08-584-040-4233/c
;; Sequence 4233, Application US/08584040
;; Patent No. 6346398
;; GENERAL INFORMATION:
;; APPLICANT: Pavco, Pamela
;; APPLICANT: McSwiggen, James
;; APPLICANT: Stinchcomb, Dan T.
;; APPLICANT: Escobedo, Jaime
;; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;; TITLE OF INVENTION: TREATMENT OF DISEASES OR
;; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
;; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
;; TITLE OF INVENTION: GROWTH FACTOR
;; NUMBER OF SEQUENCES: 8502
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/584,040
;; FILING DATE: January 11, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/005,974
;; FILING DATE: October 26, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/064
;; TELECOMMUNICATION INFORMATION:

;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 4233:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-584-040-4233

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1532 TACAAAGGAGGCGCAGC 1548
|||||: || ||||
Db 17 TTCAAAGGAGGCGCAGC 1

RESULT 1459
US-08-584-040-4362/c
;; Sequence 4362, Application US/08584040
;; Patent No. 6346398
;; GENERAL INFORMATION:
;; APPLICANT: Pavco, Pamela
;; APPLICANT: McSwiggen, James
;; APPLICANT: Stinchcomb, Dan T.
;; APPLICANT: Escobedo, Jaime
;; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;; TITLE OF INVENTION: TREATMENT OF DISEASES OR
;; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
;; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
;; TITLE OF INVENTION: GROWTH FACTOR
;; NUMBER OF SEQUENCES: 8502
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/584,040
;; FILING DATE: January 11, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/005,974
;; FILING DATE: October 26, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/064
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 4362:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-584-040-4362

Query Match

0.7%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 622 AAGCTGGACAAACTGGG 638
| | | | | | | | | |
Db 17 AGGCTGGAGAAATCTGGG 1

RESULT 1460

US-08-584-040-5795
; Sequence 5795, Application US/08584040
; Patent No. 6346398

```

/
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwigen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: TREATMENT AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/

```

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels

Qy 1035 CTTTGGCCTGGCCGAG 1051
 |::|||:|||||
 Db 1 CTTCCGGCCTGGCCGAG 17

RESULT 1461

RESOL 1461
US-08-584-040-7493
; Sequence 7493, Application US/08584040
; Patent NO. 6346398

```

: GENERAL INFORMATION:
: APPLICANT: Pavco, Pamela
: APPLICANT: McSwiggen, James
: APPLICANT: Stinchcomb, Dan T.
: APPLICANT: Escobedo, Jaime
: TITLE OF INVENTION: METHOD AND REAGENT FOR THE
: TITLE OF INVENTION: TREATMENT OF DISEASES OR
: TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
: TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
: TITLE OF INVENTION: GROWTH FACTOR
: NUMBER OF SEQUENCES: 8502

```

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.6e+02;
Matches 11: Conservative 3; Mismatches 3; Indels

Qy 991 CAGAACCTGCTCATCAA 1007
db 1 CUGAACCTUGUCAAA 17

RESULT 1462

US-08-584-040-8024/c
; Sequence 8024, Application US/08584040
; Patent NO. 5346198

```

/ Patent No: 6346396
/
/ GENERAL INFORMATION:
/
/ APPLICANT: Pavco, Pamela
/
/ APPLICANT: McSwigen, James
/
/ APPLICANT: Stinchcomb, Dan T.
/
/ APPLICANT: Escobedo, Jaime
/
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/
/ TITLE OF INVENTION: GROWTH FACTOR
/
/ NUMBER OF SEQUENCES: 8502
/
/ CORRESPONDENCE ADDRESS:
/

```

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8024:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-8024

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 503 CTGAGGCTACTGTGAG 519
||||| ||| |||||
DB 17 CTGAGCTCTAGTGTGAG 1

RESULT 1463
US-08-679-645-70/c
Sequence 70, Application US/08679645
Patent No. 6350934
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent E.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-70

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 558 CAGCGCGCGCTCGTC 574
||||| ||| |||||
DB 17 CCGCGCGCGCGCTCGTC 1

RESULT 1464
US-08-679-645-153
Sequence 153, Application US/08679645
Patent No. 6350934
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent E.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996

CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 153:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-153

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1272 GGAGAGTGGCCAGGCA 1288
||||| : |||||
DB 1 GGAGAAGUCCAGGCA 17

RESULT 1465
US-08-679-645-200
Sequence 200, Application US/08679645
Patent No. 6350934
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent B.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 200:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-200

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 460 GACATCAACAAGCGCT 476
||||| : |||||
DB 1 GACACAUCAUGGCCU 17

RESULT 1466
US-08-294-312B-67
Sequence 67, Application US/08294312B
Patent No. 6380369
GENERAL INFORMATION:
APPLICANT: Adams et al.
TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
FILE REFERENCE: PF106P2
CURRENT APPLICATION NUMBER: US/08/294,312B
CURRENT FILING DATE: 1994-08-23
PRIOR APPLICATION NUMBER: 08/210,143
PRIOR FILING DATE: 1994-03-16
PRIOR APPLICATION NUMBER: 08/187,757
PRIOR FILING DATE: 1994-01-27
NUMBER OF SEQ ID NOS: 78
SOFTWARE: PatentIn version 3.0
SEQ ID NO 67
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer useful for amplifying up to codon 472 of hMLH3
US-08-294-312B-67

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1623 CCGAGGCCCGCAGCGC 1639
||||| : |||||
DB 1 CTGAGGTCCTCAGCAGGC 17

RESULT 1467
US-09-235-538-5/c
Sequence 5, Application US/09235538
Patent No. 6395479
GENERAL INFORMATION:
APPLICANT: Reichardt, Juergen, K.V., Ph.D.
APPLICANT: Gerhardt, Coetsee, A., Ph.D.
APPLICANT: Henderson, Brian E., M.D.
APPLICANT: Makridakis, Nick
APPLICANT: Ross, Ronald, M.D.
APPLICANT: University of Southern California
TITLE OF INVENTION: ANDROGEN-METABOLIC GENE MUTATIONS AND
TITLE OF INVENTION: PROSTATE CANCER RISK
FILE REFERENCE: 13761-706US1
CURRENT APPLICATION NUMBER: US/09/235,538
CURRENT FILING DATE: 1999-01-22

; PRIOR APPLICATION NUMBER: US 60/072,225
; PRIOR FILING DATE: 1998-01-23
; PRIOR APPLICATION NUMBER: PCT/US99/01165
; PRIOR FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-235-538-5

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1317 CAAGTACCCCAAGTACC 1333
Db 17 CAAGTACCCCAAGAGCC 1

RESULT 1468
US-08-468-024B-67
; Sequence 67, Application US/08468024B
; Patent No. 6416984
; GENERAL INFORMATION:
; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PFI06P3
; CURRENT APPLICATION NUMBER: US/08/468,024B
; CURRENT FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/294,312
; PRIOR FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 67
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer useful for amplifying up to codon 472 of hMLH3
US-08-468-024B-67

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1623 CCGAGGCCCGCAGCAGGC 1639
Db 1 CTGAGGTCTCAGCAGGC 17

RESULT 1469
US-09-213-383-63/c
; Sequence 63, Application US/09213383
; Patent No. 6491906
; GENERAL INFORMATION:
; APPLICANT: Strieter, Robert M.
; Polverini, Peter J.
; Kunkel, Steven L.
; TITLE OF INVENTION: CXc Chemokines as Regulators of Angiogenesis
; NUMBER OF SEQUENCES: 93
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: US

; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/213,383
; FILING DATE: 09-Dec-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/468,819
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: UMIC:003/HYL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7477
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 63:
US-09-213-383-63

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1645 CTGGAGGGATGCCACAC 1661
Db 17 CTGGAGAGAGCCACGC 1

RESULT 1470
US-09-474-432B-314/c
; Sequence 314, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 314
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-314

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Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 75 GGGAGGGCCCCCGCGCT 91
||| ||| ||| ||| |||
Db 17 GGAAGGGCGCGCGCT 1

RESULT 1471
US-09-474-432B-493
; Sequence 493, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MEHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 493
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-493

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1656 CCACCCCTCACAGGG 1672
||| ||| : ||| |||
Db 1 CCACCCUGUCACAGGG 17

RESULT 1472
US-09-474-432B-574/c
; Sequence 574, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MEHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
```

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; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 574
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-574

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1094 CACTGTGGTACCGGCC 1110
||| ||| ||| ||| |||
Db 17 CACTGGCGTCCGGGCC 1

RESULT 1473
US-09-474-432B-772
; Sequence 772, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MEHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 772
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-772

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGGCCG 1049
||| : ||| : ||| |||
Db 1 GACUUCGGGCGGCGCG 17

RESULT 1474
US-09-474-432B-850
; Sequence 850, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
```

; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 850
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-850

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 552 GCCCCTCAGCGCCGCC 568
|||||
Db 1 GCCCUCACAGCCCAACC 17

RESULT 1475
US-09-371-772B-921/c
; Sequence 921, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 921
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-921

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 764 TGCTCAGGACCTCAAA 780
|||||
Db 17 TACTCAAGGAGCTTAAA 1

RESULT 1476
US-09-371-772B-931/c
; Sequence 931, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 931
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-931

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 605 AACTGGAGACCTACATT 621
|||||
Db 17 AACTGGAGAAATACCTT 1

RESULT 1477
US-09-371-772B-1266/c
; Sequence 1266, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1266
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1266

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1060 ATCCCAACAAAGACATA 1076
|||||
Db 17 ATCCCAATTAAGAAATA 1

RESULT 1478
US-09-371-772B-1587/c
; Sequence 1587, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1587
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1587

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 CATGCACACGCTGAAAC 916
Db 17 CTGACAAAGTGACAC 1

RESULT 1479
US-09-371-772B-1657
; Sequence 1657, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1657
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1657

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 976 CGAGACCTCAAGCCCCA 992
Db 1 CGAGACCUAAAAACCCA 17

RESULT 1480
US-09-371-772B-2000/c
; Sequence 2000, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
```

```
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2000
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2000

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1532 TACAAAAGGAGGCAGC 1548
Db 17 TTCAAAGGGAGGGGAGC 1

RESULT 1481
US-09-371-772B-2129/c
; Sequence 2129, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2129
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2129

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 622 AAGCTGGACAAACTGGG 638
Db 17 AGGCTGGAGAACTGGG 1

RESULT 1482
US-09-371-772B-2661
; Sequence 2661, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
```

```
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2661
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2661

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 1035 CTTTGGCCTGGCCCGAG 1051
      |||||:|||||
Db 1 CUUCGGCUUGGCCGGG 17

RESULT 1483
US-09-371-772B-3299
; Sequence 3299, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3299
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3299

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 991 CAGAACCTGCTCATCAA 1007
      |||||:|||||
Db 1 CUGAACCUUGUCAUCAA 17

RESULT 1484
US-09-371-772B-3807/c
; Sequence 3807, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
```

```
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3807
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3807

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 503 CTGAGGGCTACCTGGAG 519
      |||||:|||||
Db 17 CTGAGTCCTAGCTGGAG 1

RESULT 1485
US-09-371-772B-4169/c
; Sequence 4169, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4169
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4169

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 986 AGCCCCAGACCTGCTC 1002
      |||||:|||||
Db 17 AGCCCCGAGCCCGCTC 1

RESULT 1486
US-09-371-772B-4719
; Sequence 4719, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
```

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; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4719
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4719

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 590 AGATTGGCTTTGGGAAA 606
Db 1 AGAGGGGCUUUUGGAAA 17

RESULT 1487
US-09-371-772B-4793
; Sequence 4793, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4793
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4793

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1359 ACCCGGACTTGATAGCG 1375
Db 1 ACCAAGACUAGUAGCG 17

RESULT 1488
US-09-371-772B-4923
; Sequence 4923, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
```

```
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4923
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4923

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 455 CTGAGGACATCAACAAG 471
Db 1 CUGAGGACUUCUUAAG 17

RESULT 1489
US-09-371-772B-5317/c
; Sequence 5317, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5317
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5317

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 723 TGAAGAGGGGCACCCCT 739
Db 17 TGAAGAGTAGGCGCCCT 1

RESULT 1490
US-09-371-772B-6264
; Sequence 6264, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
```

; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6264
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6264

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 974 ACCGAGACCTCAAGCCC 990
|||||||:|:|
Db 1 ACCGAGACCUAAAACC 17

RESULT 1491

US-09-371-772B-6265
; Sequence 6265, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6265
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6265

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 975 CCGAGACCTCAAGCCC 991
|||||||:|:|
Db 1 CCGAGACCUAAAACC 17

RESULT 1492

US-09-371-772B-6428
; Sequence 6428, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00,876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6428
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6428

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 1276 ACGTGGCAGGCATCCT 1292
|||:|||||:|:|
Db 1 ACUGACCAGGGUCCU 17

RESULT 1493

US-09-371-772B-6475/c
; Sequence 6475, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6475
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6475

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 688 AACCTTGTGGCATTCAA 704
|||:|||||:|:|
Db 17 AACATGGTGGCATTCAA 1

RESULT 1494

US-09-371-772B-6747/c
; Sequence 6747, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6747
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-6747

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1534 CAAAGGAGCCGACCTG 1550
|||||
DB 17 CAAAGGAGCGGAGCAT 1

RESULT 1495
US-09-371-772B-6957/c
; Sequence 6957, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH000,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6957
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-6957

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 724 GAAGAGGGGACCCCTG 740
|||||
DB 17 GAAGAGCTGGCTCCCTG 1

RESULT 1496
US-08-465-679-67
; Sequence 67, Application US/08465679
; Patent No. 6610477
; GENERAL INFORMATION:
; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PF106P4
; CURRENT APPLICATION NUMBER: US/08/465,679
; CURRENT FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/294,312
; PRIOR FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757

; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 67
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer useful for amplifying up to codon 472 of hMLH3
; US-08-465-679-67

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1623 CCGAGGCCCGCAGGC 1639
|||||
DB 1 CTGAGGTCTCAGCAGC 17

RESULT 1497
US-09-476-387-313/c
; Sequence 313, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEH000-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 313
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-476-387-313

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 75 GCGAGGCCCGCGGCT 91
|||||
DB 17 GGAAGGGGCGCGGCT 1

RESULT 1498
US-09-476-387-492
; Sequence 492, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic

```

; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 492
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-573
;
;
Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1656 CCACACCCCTCACAGG 1672
||||| :|||||
1 CCACCCUGUCACAGG 17

Db

RESULT 1499
US-09-476-387-573/c
; Sequence 573, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 573
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-573
;
;
Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1094 CACTGTGTACCGGCC 1110
||||| :|||||
1 CACTGTGTACCGGCC 1110

Db

RESULT 1501
US-09-476-387-849
; Sequence 849, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 849
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-849
;
;
Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1033 CACTTGGCTGGCGCC 1049
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1 GACUCCGGGCGGCGC 17

Db

RESULT 1501
US-09-476-387-849
; Sequence 849, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 849
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-849
;
;
Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1033 CACTTGGCTGGCGCC 1049
||||| :|||||
1 GACUCCGGGCGGCGC 17

Db
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```

Db 17 CACTGCGGCTCCGGCCC 1

RESULT 1500
US-09-476-387-771
; Sequence 771, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 771
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-771
;
;
Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1033 CACTTGGCTGGCGCC 1049
||||| :|||||
1 GACUCCGGGCGGCGC 17

Db

RESULT 1501
US-09-476-387-849
; Sequence 849, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 849
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-849
;
;
Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1033 CACTTGGCTGGCGCC 1049
||||| :|||||
1 GACUCCGGGCGGCGC 17

Db
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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 849
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-09-476-387-849

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.6e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 552 GCCCTCAGCGCCGCC 568
Db 1 GCCCCUAGCCCAACC 17

RESULT 1502
US-09-401-063-67/c
; Sequence 67, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-67

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 389 CCTCGATGAGTGCGAC 405
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Db 17 CCTCTGATCTGCAG 1

RESULT 1503
US-09-401-063-144
; Sequence 144, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 144:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-144

Query Match          0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.8%; Pred. No. 7.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 738 CTGCACCGCCATCCGG 754
Db 1 CUGCACCUCAUCAGUG 17

RESULT 1504
US-09-401-063-173
; Sequence 173, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
```



```
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-243

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 69 ACCAGGGGAGGGCCCC 85
Db 17 AGCAAGAGGAGGGCCCC 1

RESULT 1507
US-09-401-063-253/c
; Sequence 253, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 397:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-397

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-243

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 397:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-397

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy 1159 TGGGTGTGGGTGCAT 1175
||||| ||| ||| |||
Db 17 TGGGTGTGGGTGTAT 1

RESULT 1509
US-09-401-063-514/c
; Sequence 514, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Fast-SEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 514:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-514

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1066 ACAAGACATATCTCCAA 1082
||||| ||| ||| |||
Db 17 ACAATGAAACTCCAA 1

RESULT 1510
US-09-827-998-412/c
; Sequence 412, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark

; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 412
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-412

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1042 CTGGCCCGAGCCAAAGTC 1058
||||| ||| ||| ||| |||
Db 17 CAGGCATGAGCCAAAGTC 1

RESULT 1511
US-09-827-998-573
; Sequence 573, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 573
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-573

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1008 CGAGAGGGGAGAGTCA 1024
||||| ||| ||| ||| |||
Db 1 CAAGAGAGAGAGAGTCA 17

RESULT 1512
US-09-827-998-655
; Sequence 655, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 655
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-655

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 30 GCACGAGTACGAGGAG 46
||| ||||| ||||| |||
DB 1 GCACAGGTACGACGAG 17

RESULT 1513
US-09-827-998-720/c
; Sequence 720, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: WDH00F-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 720
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-720

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 401 TGCAGTCTCAGTGAGA 417
||| ||||| ||||| |||
DB 17 TGCAGTCACCGAGGAAA 1

RESULT 1514
US-09-866-108A-402
; Sequence 402, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 402
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-402

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 41 CAGCAGGACCGAGGTG 57
||| ||||| ||||| |||
DB 1 CAGCAAGTCCAGCAGTG 17

RESULT 1515
US-09-866-108A-658
; Sequence 658, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine

; Patent No. 6686188
; SEQ ID NO 658
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-658

Query Match 0.7%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 7.6e-02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1567 CCTGACTCAGCGAGGCC 1583
DB 1 CCGACTCAGCCAGCC 17

RESULT 1516

US-09-866-108A-659
; Sequence 659, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 659

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-659

Query Match 0.7%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 7.6e-02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1568 CTGACTCAGCGAGGCCA 1584
DB 1 CCGACTCAGCCAGCCA 17

RESULT 1517

US-09-866-108A-700

; Sequence 700, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 700

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-700

Query Match 0.7%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 7.6e-02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 436 CCCCCACGCAAGATCTC 452
DB 1 CCCCCCTTCAGAGCCTC 17

RESULT 1518

US-09-866-108A-744

; Sequence 744, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04


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; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 744
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-744

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1006 AACGAGAGGGGAGAGCT 1022
Db 1 AAAGAAAGGGGAGACCT 17

RESULT 1519
US-09-866-108A-745
; Sequence 745, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 744
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-744

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1006 AACGAGAGGGGAGAGCT 1022
Db 1 AAAGAAAGGGGAGACCT 17

RESULT 1519
US-09-866-108A-745
; Sequence 745, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
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; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 745
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-745

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1007 ACCGAGGGGAGAGCTC 1023
Db 1 AAGAAAGGGGAGACCTC 17

RESULT 1520
US-09-866-108A-747
; Sequence 747, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 747
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-747

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1009 GACAGGGGAGAGCTCA 1025
Db 1 GAAAGGGGAGAGCTCTA 17

RESULT 1521
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US-09-866-108A-748
; Sequence 748, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 748
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-748

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAG 1026
DB 1 AAAGGGGAGACCTTAG 17

RESULT 1522
US-09-866-108A-948/c
; Sequence 948, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 748
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-748

10017621-3sl.rni

US-09-866-108A-949/c
; Sequence 949, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 948
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-948

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1029 GGCTGACTTGGCCCTGG 1045
DB 17 GCCTGCTTTGGCCCTGG 1

RESULT 1523
US-09-866-108A-949/c
; Sequence 949, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 948
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-948


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; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1528
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1528

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      984 CAAGCCCCAGACCTGC 1000
DB      17 CCAGCCCATCATCCTGC 1

RESULT 1527
US-09-866-108A-1886
; Sequence 1886, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1528
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1528

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      984 CAAGCCCCAGACCTGC 1000
DB      17 CCAGCCCATCATCCTGC 1

RESULT 1527
US-09-866-108A-1886
; Sequence 1886, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1528
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1886

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      848 ACCTGGACAGGACCTG 864
DB      1 ACCAGGTCGAGGACCTG 17

RESULT 1528
US-09-866-108A-1996/c
; Sequence 1996, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1996
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1996

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      39 GGCAGGAGGACGACGAG 55
DB      17 GGCTGGAGGACAATCAG 1
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RESULT 1529
US-09-866-108A-2265/c
; Sequence 2265, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866.108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2265
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2265

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      216 AGGCTGATCAGAGTG 232
Db      17 AGCCCGAGGACAGTG 1

RESULT 1530
US-09-866-108A-2311/c
; Sequence 2311, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866.108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2265
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2265

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      216 AGGCTGATCAGAGTG 232
Db      17 AGCCCGAGGACAGTG 1

RESULT 1531
US-09-866-108A-2734
; Sequence 2734, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866.108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2311
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2311

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      685 GACAACTTGTGGCACT 701
Db      17 GAGAACCGGTGGCACT 1
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; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2734
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2734

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1330 TACGAGCGCGCCCT 1346
Db 1 TACGAGCGCGCCCT 17

RESULT 1532
US-09-866-108A-2899/c
; Sequence 2899, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 60/236,359
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2899
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2899

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1190 CCACAGCGCGTCCCTC 1206
Db 17 CCGAGCGCATCCCTC 1
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RESULT 1533
US-09-866-108A-2900/c
; Sequence 2900, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2900
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2900

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1189 GCCACAGCGCGTCCCT 1205
Db 17 GCCAGGCGCATCCCT 1

RESULT 1534
US-09-866-108A-2901/c
; Sequence 2901, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2901
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2901

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1188 GGCACAGCGCGTCCCC 1204
||||| ||||| |||||
Db 17 GGCACAGCGCGTCCCC 1

RESULT 1535
US-09-866-108A-5874/c
; Sequence 5874, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2901
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2901

; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5874
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5874

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 70 CCCAGGGAGGGCCCCG 86
||||| ||||| |||||
Db 17 CCCTGGGAGGGGTCCG 1

RESULT 1536
US-09-866-108A-6338/c
; Sequence 6338, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6338
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6338

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1387 CTCTCACCACGCTGTT 1403
||||| ||||| |||||

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Db      17 CTCCTCACCATGGGGCT 1
;
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6379
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6379

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1378 GGGCGCGACCTCTCTACC 1395
      ||||| |||||
Db      17 GGGCTTCTCTCTACC 1

RESULT 1538
US-09-866-108A-6380/c
; Sequence 6380, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6379
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6379

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1379 GGGCGCGACCTCTCTACC 1395
      ||||| |||||
Db      17 GGGCTTCTCTCTACC 1

RESULT 1539
US-09-866-108A-6381/c
; Sequence 6381, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6379
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6380
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6381
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6381

Query Match 0.7%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1377 CGGGCGGCGACCTCTCA 1393

||||| |||||||
Db 17 CGGGCGCTTCTCTCTCA 1

RESULT 1540

US-09-866-108A-6382/c
; Sequence 6382, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Aecomica Sequence Listing Engine
; NUMBER OF SEQ ID NOS: 15755
; Patent No. 6686188
; SEQ ID NO 6382

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6382

Query Match 0.7%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1376 ACGGGCGGCGCTCTC 1392

Db 17 ACGGGCGCTTCTCTCTC 1
||||| |||||||

RESULT 1541

US-09-866-108A-6405
; Sequence 6405, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6405
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6405

Query Match 0.7%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 140 AGATCAACGGCAGCTG 156

||||| |||||||
Db 1 AGATCAAGCTGCAGATG 17

RESULT 1542

US-09-866-108A-6793/c
; Sequence 6793, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6793
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6793

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 555 CCTCAGCGCGCGCTCC 571
Db 17 CCACAGCCCGCCTTC 1

RESULT 1543
US-09-866-108A-7038/c
; Sequence 7038, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6793
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6793

; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7038
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7038

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1636 AGGCAGCGCGCTGGAGGG 1652
Db 17 AAGTAGCGCTGGAGGG 1

RESULT 1544
US-09-866-108A-7052/c
; Sequence 7052, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7052
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7052

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;


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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6886188
; SEQ ID NO 8042
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8042

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 124 ATGGATCGGATGAAGAA 140
   |||||
Db 1 ATCGAGCGGATGAAGCA 17

RESULT 1548
US-09-866-108A-8043
; Sequence 8043, Application US/09866108A
; Patent No. 6886188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6886188
; SEQ ID NO 8043
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8043

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 125 TGGATCGGATGAAGAA 141
   |||||
Db 1 TCGAGCGGATGAAGCAG 17

RESULT 1549
US-09-866-108A-8412
; Sequence 8412, Application US/09866108A
; Patent No. 6886188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6886188
; SEQ ID NO 8412
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8412

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 335 ACGAGGACTTGAAGATG 351
   |||||
Db 1 AGGAGCCTTGAAGACG 17

RESULT 1550
US-09-866-108A-8498/c
; Sequence 8498, Application US/09866108A
; Patent No. 6886188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
```

```
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8498
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8498

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 995 ACCTGCTCATCAACGAG 1011
Db 17 AGCTGCTCATCCACGAG 1

RESULT 1551
US-09-866-108A-8724
; Sequence 8724, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8900
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8900

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8724
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8724

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 842 TTGAGTACCTGGACAAG 858
Db 1 TCGAGTACCTGGACAAG 17

RESULT 1552
US-09-866-108A-8900/C
; Sequence 8900, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8900
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8900

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
```

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Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 161 TGACACTCGAGGTGC 177
    || |||| |||||
DB 17 TGGGACTCGAGGTGC 1

RESULT 1553
US-09-866-108A-9075
; Sequence 9075, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9075
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9075

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1442 CCATGAAACATCCATTC 1458
    || |||||
DB 1 CCTGGAGACATCCATTC 17

RESULT 1555
US-09-866-108A-9233
; Sequence 9233, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9075
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9075

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 605 AACTGGACCTACATT 621
    |||||
DB 1 ACCTGGAGACATCCATT 17

RESULT 1554
US-09-866-108A-9076
; Sequence 9076, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
```

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; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9076
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9076

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1442 CCATGAAACATCCATTC 1458
    || |||||
DB 1 CCTGGAGACATCCATTC 17

RESULT 1555
US-09-866-108A-9233
; Sequence 9233, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9076
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9076
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9233
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9233

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1540 GAGGCCAGCTTCGGTC 1556
DB 1 GAGGCCAGCTTCGAGTC 17

RESULT 1556
US-09-866-108A-10029/c
; Sequence 10029, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10029
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10029

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1128 GTCCACGGACTACTCCA 1144
DB 17 GTCCACAGAGGACTCCA 1

RESULT 1557
US-09-866-108A-10096/c
; Sequence 10096, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10096
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10096

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 621 TAAGCTGGCAAACTGG 637
DB 17 TCAGGTGGCAAACTGG 1

RESULT 1558
US-09-866-108A-10395
; Sequence 10395, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.

```
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10395
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10395
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Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy 555 CCTACGCGCGCTCC 571
Db 1 CCTATCTCTCGGCTCC 17
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RESULT 1559
US-09-866-108A-10401
; Sequence 10401, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10401
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10401
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```
Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy 561 CCGCGCGCTCCGTCGTG 577
Db 1 CCTCGGCTCCATCGTG 17
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RESULT 1560
US-09-866-108A-10402
; Sequence 10402, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10402
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10402
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Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 562 CGCCGGCTCGTGTGT 578
| | | | | | | | | |
Db 1 CTCGGCTCATGTGT 17

RESULT 1561
US-09-866-108A-10607
; Sequence 10607, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10607
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10607

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1486 AAATTCCTGACACTAC 1502
| | | | | | | | | |
Db 1 AGACTTCCGACTCTAC 17

RESULT 1562
US-09-866-108A-10641
; Sequence 10641, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10641
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10641

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 364 GAGAGTGACCGGCTTC 380
| | | | | | | | | |
Db 1 GAGACTGGCCAGGCTC 17

RESULT 1563
US-09-866-108A-10666/c
; Sequence 10666, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10666
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10666

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1024 AAGCTGGCTGACTTTGG 1040
DB 17 ATGCTGGCTGGCTCTGG 1

RESULT 1564
US-09-866-108A-10667/c
; Sequence 10667, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10667
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10667
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Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1023 CAAGCTGGCTGACTTTG 1039
DB 17 CATGCTGGCTGGCTCTG 1

RESULT 1565
US-09-404-912-277/c
; Sequence 277, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045(HCL/NAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 277
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-404-912-277

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1020 GCTCAAGCTGGCTGACT 1036
DB 17 GCCAGAGCTGGCTGACT 1

RESULT 1566
US-09-404-912-555
; Sequence 555, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045(HCL/NAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 555
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-404-912-555

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1112 CTGACATCTGCTTGGG 1128
||| ||| ||| ||| |||
Db 1 CTGACATATTGCTTAGG 17

RESULT 1567
US-07-903-466-9/c
; Sequence 9, Application US/07903466
; Patent No. 5395767
; GENERAL INFORMATION:
; APPLICANT: Murnane, John P.
; APPLICANT: Painter, Robert B.
; APPLICANT: Kapp, Leon N.
; APPLICANT: Yu, Loh C.
; TITLE OF INVENTION: Gene for Ataxia-Telangiectasia
; TITLE OF INVENTION: Complimentation Group D (ATDC)
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: Steuart Street Tower, 18th Fl., One Market
; CITY: San Francisco
; STATE: California
; COUNTRY: San Francisco
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/903,466
; FILING DATE: 19920622
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: 91-077-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-777-9275
; TELEFAX: 415-543-4219
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: PCR primer
; HYPOTHEetical: NO
; ANTI-SENSE: NO
US-07-903-466-9

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1678 CCCAACTACATCTTCCC 1694
||| ||| ||| ||| |||
Db 18 CCGAACTTCATCTTCTC 2

RESULT 1568
US-08-388-381-36
; Sequence 36, Application US/08388381
; Patent No. 5552283
; GENERAL INFORMATION:
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations

; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,381
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHEtical: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 9 of human p53 gene
US-08-388-381-36
Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 187 GACAAGACCAATGGTGC 203
||| ||| ||| ||| |||
Db 2 GAGGAGACCAAGGTGC 18
RESULT 1569
US-08-200-011-1/c
; Sequence 1, Application US/08200011
; Patent No. 5614396
; GENERAL INFORMATION:
; APPLICANT: BRADLEY, ALLAN
; APPLICANT: DAVIS, ANN
; APPLICANT: HASTY, PAUL
; TITLE OF INVENTION: METHODS FOR THE GENETIC MODIFICATION OF
; TITLE OF INVENTION: ENDOGENOUS GENES IN PLANTS AND ANIMALS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/200,011
FILING DATE: 22-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: AUERBACH, JEFFREY I
REGISTRATION NUMBER: 32680
REFERENCE/DOCKET NUMBER: 00761.002
TELEPHONE: (202) 383-7451
TELEFAX: (202) 383-6610
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Mus musculus
STRAIN: Embryonic Stem Cell
IMMEDIATE SOURCE:
CLONE: AB1; AB2

US-08-200-011-1

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 488 CTGACATCGGCTGCT 504
DB 18 CTGACATCCACCTTCCT 2

RESULT 1570

US-08-319-492B-735/c
Sequence 735, Application US/08319492B
Patent No. 5616488
GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OF IL-5
NUMBER OF SEQUENCES: 751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: October 7, 1994
APPLICATION NUMBER: US/08/319,492B
PRIORITY APPLICATION DATA:
PRIORITY APPLICATION DATA: including application
PRIORITY APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
TWO

APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 735:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-319-492B-735

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 40 GCAGGAGGACGAGT 56
DB 18 GCAGGAGGATCGAAT 2

RESULT 1571

US-08-319-492B-739
Sequence 739, Application US/08319492B
Patent No. 5616488
GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OF IL-5
NUMBER OF SEQUENCES: 751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: October 7, 1994
APPLICATION NUMBER: US/08/319,492B
PRIORITY APPLICATION DATA:
PRIORITY APPLICATION DATA: including application
PRIORITY APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
TWO
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 739:

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;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-319-492B-739
Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 52.9%; Pred. No. 8.3e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1027 CTGGCTGACTTTGGCCT 1043
| | | | | | | | | |
Db 2 CAGGCUGACUUGAACU 18

RESULT 1572
US-08-183-211-3
; Sequence 3, Application US/08183211
; Patent No. 5618709
; GENERAL INFORMATION:
; APPLICANT: Alan M. Gewirtz, Donald Small, Curt I. Civin.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEO- TIDES
; TITLE OF INVENTION: SPECIFIC FOR STK-1 AND METHOD FOR
; TITLE OF INVENTION: INHIBITING EXPRESSION OF THE STK-1 PROTEIN
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL GONDA LAVORGNA & MONACO
; STREET: Suite 1800, Penn Center Plaza
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/183,211
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 3957-15
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: No. 5618709e
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 Nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
US-08-183-211-3
Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 554 CCTCAGCCGCGCCTC 570
| | | | | | | | | |
Db 1 CCCTGGATCGCGCTC 17

RESULT 1573
US-08-183-211-6/c
; Sequence 6, Application US/08183211
; Patent No. 5618709
; GENERAL INFORMATION:
; APPLICANT: Alan M. Gewirtz, Donald Small, Curt I. Civin.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEO- TIDES
; TITLE OF INVENTION: SPECIFIC FOR STK-1 AND METHOD FOR
; TITLE OF INVENTION: INHIBITING EXPRESSION OF THE STK-1 PROTEIN
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL GONDA LAVORGNA & MONACO
; STREET: Suite 1800, Penn Center Plaza
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/183,211
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 3957-15
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: No. 5618709e
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 Nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
US-08-183-211-3
Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 554 CCTCAGCCGCGCCTC 570
| | | | | | | | | |
Db 1 CCCTGGATCGCGCTC 17

RESULT 1573
US-08-183-211-6/c
; Sequence 6, Application US/08183211
; Patent No. 5618709
; GENERAL INFORMATION:
; APPLICANT: Alan M. Gewirtz, Donald Small, Curt I. Civin.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEO- TIDES
; TITLE OF INVENTION: SPECIFIC FOR STK-1 AND METHOD FOR
; TITLE OF INVENTION: INHIBITING EXPRESSION OF THE STK-1 PROTEIN
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL GONDA LAVORGNA & MONACO
; STREET: Suite 1800, Penn Center Plaza
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/183,211
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 3957-15
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: No. 5618709e
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 Nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
US-08-183-211-6
Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 554 CCTCAGCCGCGCCTC 570
| | | | | | | | | |
Db 18 CCCTCGATCGCGCTC 2

RESULT 1574
US-08-384-490-10/c
; Sequence 10, Application US/08384490
; Patent No. 5618711
; GENERAL INFORMATION:
; APPLICANT: Gelfand, David H.
; APPLICANT: Lawyer, Frances C.
; APPLICANT: Stoffel, Susanne
; TITLE OF INVENTION: Recombinant Expression Vectors and
; TITLE OF INVENTION: Purification Methods for Thermophilus DNA
; TITLE OF INVENTION: Polymerase
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/384,490
FILING DATE: 16-OCT-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA: US/08/148,133
FILING DATE: 04-MAR-1996
ATTORNEY/AGENT INFORMATION: NAME: Sias, Stacey R.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 8887
TELEPHONE: (510) 814-2863
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-384-490-10

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1413 GGGTCGAAATCGGATCT 1429
DB 18 GGGTTGATATCGAGTCT 2

RESULT 1575
US-08-729-202-3
Sequence 3, Application US/08729202
Patent No. 5700928
GENERAL INFORMATION:
APPLICANT: Hodgson, John
APPLICANT: Burnham, Martin
TITLE OF INVENTION: NOVEL SALIVA BINDING PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/729,202
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 9521147.0
FILING DATE: 16-OCT-1995
APPLICATION NUMBER: 9604599.2
FILING DATE: 04-MAR-1996
APPLICATION NUMBER: 9616136.9
FILING DATE: 01-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Gimmi, Edward R.
REGISTRATION NUMBER: 38,891
REFERENCE/DOCKET NUMBER: P31279
TELEPHONE: 610-270-4478
TELEFAX: 610-270-5090

TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-729-202-3

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1174 ATCTTCTATGAGATGC 1190
DB 2 ATTTATATGATATGC 18

RESULT 1576
US-08-459-383-10/c
Sequence 10, Application US/08459383
Patent No. 5741690
GENERAL INFORMATION:
APPLICANT: Gelfand, David H.
APPLICANT: Lawyer, Frances C.
APPLICANT: Stoffel, Susanne
TITLE OF INVENTION: Recombinant Expression Vectors and
TITLE OF INVENTION: Purification Methods for Thermus Thermophilus DNA
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,383
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/384,490
FILING DATE:
APPLICATION NUMBER: US/08/148,133
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sias, Stacey R.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 8887
TELEPHONE: (510) 814-2863
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-459-383-10

Query Match 0.7%; Score 12.2; DB 1; Length 18;

RESULT 1578

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/410,540
; FILING DATE: 23-MAR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Neeley, Richard L.
; REGISTRATION NUMBER: 30,092
; REFERENCE/DOCKET NUMBER: UCAL-238/000US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415 853 5070
; TELEFAX: 415 857 0663
; TELEX: 380816COOLEYPA
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-410-540-23

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 631 AAATGGCGGAGTAC 647
|||||
DB 2 AAATGGCGGAGTAC 18

RESULT 1580
US-08-800-751-26/c
; Sequence 26, Application US/08800751
; Patent No. 5807730
; GENERAL INFORMATION:
; APPLICANT: ITO, Kiyoshi
; APPLICANT: YAMAKI, Toshifumi
; APPLICANT: ARII, Teruo
; APPLICANT: TSURUOKA, Miyuki
; APPLICANT: NAKAMURA, Takeshi
; TITLE OF INVENTION: NOVEL NITRILE HYDRATASE
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/800,751
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 8-027004
; FILING DATE: 14-FEB-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 028022-007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021

; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-800-751-26

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1007 ACAGAGGGGAGAGCTC 1023
|||||
DB 17 ACAGAGGGTGTGAGCTC 1

RESULT 1581
US-08-311-486C-1132/c
; Sequence 1132, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

two

US-08-311-486C-11132

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 266 CCACAGCTGCTGCTCCT 282
||||| |||||
Db 17 CCACCTCAGCTGCTCCT 1

RESULT 1582

US-08-578-709-4
; Sequence 4, Application US/08578709
; Patent No. 5814509
; GENERAL INFORMATION:
; APPLICANT: TANABE, Tadashi
; TITLE OF INVENTION: PROSTACYCLIN SYNTHASE DERIVED FROM HUMAN
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS
; STREET: 2100 Pennsylvania Avenue, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,709
; FILING DATE: 28-DEC-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP95/00838
; FILING DATE: 27-APR-1995
; PRIOR APPLICATION DATA: JP 114316/1994
; FILING DATE: 28-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Gubinsky, Louis
; REGISTRATION NUMBER: 24,835
; REFERENCE/DOCKET NUMBER: Q40439
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)293-7060
; TELEFAX: (202)293-7860
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PRIMER/SYNTHETIC DNA"

US-08-578-709-4
Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1168 GGCTGCATCTTCTATGA 1184
||||| |||||
Db 2 GCCTGCATCTCTCTGA 18

RESULT 1583

US-08-485-721-20
; Sequence 20, Application US/08485721
; Patent No. 5821124
; GENERAL INFORMATION:
; APPLICANT: Regeneron Pharmaceuticals, Inc. and

; APPLICANT: Regents of the University of California
; TITLE OF INVENTION: Dorsal Tissue Affecting Factor and
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Regeneron Pharmaceuticals, Inc.
; STREET: 777 Old Saw Mill River Road
; CITY: Tarrytown
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10591

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,721
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/392,935
; FILING DATE: 02-SEP-1993
; APPLICATION NUMBER: PCT/US93/08326
; FILING DATE: 02-SEP-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Kempler Ph.D., Gail M.
; REGISTRATION NUMBER: 32,143
; REFERENCE/DOCKET NUMBER: Reg 132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 914-347-7000
; TELEFAX: 914-347-2113

; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA
; US-08-485-721-20

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1224 GGAGGAACGCTACACT 1240
||||| |||||
Db 1 GCAGGAACACTTACACT 17

RESULT 1584

US-08-110-294A-47/c
; Sequence 47, Application US/08110294A
; Patent No. 5821234
; GENERAL INFORMATION:
; APPLICANT: Dzaou, Victor J
; TITLE OF INVENTION: Inhibition of Proliferation of Vascular
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 10 South Wacker Dr.
; CITY: Chicago
; STATE: IL
; COUNTRY: USA
; ZIP: 60606

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/110,294A

```
;
; FILING DATE: 20-AUG-1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/063,980
; FILING DATE: 19-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/944,882
; FILING DATE: 10-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: McDonnell, John J
; REGISTRATION NUMBER: 26,949
; REFERENCE/DOCKET NUMBER: 93,510-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-715-1000
; TELEFAX: 312-715-1234
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-110-294A-47

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 940 GGCCTGGCCTACTGCCA 956
DB 18 GGCCTAGCTTCTGCCA 2

RESULT 1585
US-08-392-935-20
; Sequence 20, Application US/08392935
; Patent No. 5843775
; GENERAL INFORMATION:
; APPLICANT: Regeneron Pharmaceuticals, Inc. and
; APPLICANT: Regents of the University of California
; TITLE OF INVENTION: Dorsal Tissue Affecting Factor and
; TITLE OF INVENTION: Compositions
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Regeneron Pharmaceuticals, Inc.
; STREET: 777 Old Saw Mill River Road
; CITY: Tarrytown
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10591
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/392,935
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/08326
; FILING DATE: 02-SEP-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Kempler Ph.D., Gail M.
; REGISTRATION NUMBER: 32,143
; REFERENCE/DOCKET NUMBER: Reg 132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 914-347-7000
; TELEFAX: 914-347-2113
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
```

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;
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA
; US-08-392-935-20

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1224 GCAGAACAGCTACT 1240
DB 1 GCAGAACACTTACT 17

RESULT 1586
US-08-117-952-178
; Sequence 178, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 178:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-117-952-178

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1367 TTGATAGCAGCGGCC 1383
DB 2 TTGCTAGTGTGGGGCC 18

RESULT 1587
US-08-461-990B-30/c
; Sequence 30, Application US/08461990B
```

```
; Patent No. 5851810
; GENERAL INFORMATION:
; APPLICANT: JOHN S. BLANCHARD
; TITLE OF INVENTION: NUCLEIC ACID ENCODING RHODOCOCBUS
; TITLE OF INVENTION: PHENYLALANINE DEHYDROGENASE
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: AMSTER, ROTHSTEIN & EBENSTEIN
; STREET: 90 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: U.S.A.
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH 1.44 MB STORAGE DISKETTE
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,990B
; FILING DATE: JUNE 5, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: CRAIG J. ARNOLD
; REGISTRATION NUMBER: 34,287
; REFERENCE/DOCKET NUMBER: 96700/370
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 697-5995
; TELEFAX: (212) 286-0854 or 286-0082
; TELEX: TWX 710-581-4766
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE:
; DESCRIPTION: OLIGONUCLEOTIDE
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: RHODOCOCBUS SP. M4
; INDIVIDUAL ISOLATE: PHENYLALANINE DEHYDROGENASE
; US-08-461-990B-30

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 455 CTGAGGACATCAACAAG 471
Db 17 CCGAGACATCGACAAG 1

RESULT 1588
US-08-627-254C-16/c
; Sequence 16, Application US/08627254C
; Patent No. 5859229
; GENERAL INFORMATION:
; APPLICANT: Kniss, Douglas A.
; TITLE OF INVENTION: Eicosanoid Formation
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Calfee, Halter & Griwold LLP
; STREET: 800 Superior Avenue
; CITY: Cleveland
; STATE: Ohio
; COUNTRY: USA
; ZIP: 44114
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
```

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/627,254C
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Golrick, Mary E
; REGISTRATION NUMBER: 34,829
; REFERENCE/DOCKET NUMBER: 18525/00107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (216) 622-8200
; TELEFAX: (216) 241-0816
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; ANTI-SENSE: YES
; US-08-627-254C-16

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 97 GTTGCTCGCGCGCCCC 113
Db 18 GATGCTCGCGCGCCCC 2

RESULT 1589
US-08-404-531B-13/c
; Sequence 13, Application US/08404531B
; Patent No. 5863724
; GENERAL INFORMATION:
; APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson, Pamela
; APPLICANT: Thomas, Gilbert Cote, and Robert Gagel
; TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonyleurea Receptor
; Patent No. 5863724
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 5863724ris
; STREET: One Liberty Place 46th. Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/404,531B
; FILING DATE: 15-MAR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y.
; REGISTRATION NUMBER: 34,293
; REFERENCE/DOCKET NUMBER: BYLR-0003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acids
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
```

US-08-404-531B-13

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1388 TCCTCACCAGCTGTG 1404
|||||
DB 18 TCCTCACCATCCAGTTG 2

RESULT 1590

US-08-389-926-47/c
; Sequence 47, Application US/08389926
; Patent No. 5869462

; GENERAL INFORMATION:

; APPLICANT: Dzau, Victor J
; TITLE OF INVENTION: Inhibition of Proliferation of Vascular
; TITLE OF INVENTION: Smooth Muscle Cell
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Banner & Allegretti, Ltd.
; STREET: 10 South Wacker Dr.
; CITY: Chicago

; STATE: IL

; COUNTRY: USA

; ZIP: 60606

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/389,926

; FILING DATE: 16 FEB 1995

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/063,980

; FILING DATE: 19-MAY-1993

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/944,882

; FILING DATE: 10-SEP-1992

; ATTORNEY/AGENT INFORMATION:

; NAME: McDonnell, John J

; REGISTRATION NUMBER: 26,949

; REFERENCE/DOCKET NUMBER: 93,510-D

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 312-715-1000

; TELEFAX: 312-715-1234

; INFORMATION FOR SEQ ID NO: 47:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

US-08-389-926-47

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 940 GGCCTGGCCTACTGCCA 956
|||||
DB 18 GGCCTAGCTTTCTGCCA 2

RESULT 1591

US-08-468-551-5/c

; Sequence 5, Application US/08468551

; Patent No. 5874212

; GENERAL INFORMATION:

; APPLICANT: Prockop, Darwin J.
; APPLICANT: Rock, Matthew J.
; APPLICANT: Ganguly, Arupa
; TITLE OF INVENTION: DETECTION OF SINGLE BASE MUTATIONS AND
; TITLE OF INVENTION: OTHER VARIATIONS IN DOUBLE STRANDED DNA BY
; TITLE OF INVENTION: CONFORMATION-SENSITIVE CELL ELECTROPHORESIS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
; STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
; STREET: FLOOR
; CITY: PHILADELPHIA
; STATE: PENNSYLVANIA
; COUNTRY: UNITED STATES
; ZIP: 19103-7086

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/468,551

; FILING DATE: 06-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Doyle Leary Ph.D., Kathryn

; REGISTRATION NUMBER: 36,317

; REFERENCE/DOCKET NUMBER: 9855-5U1

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 215-965-1284

; TELEFAX: 215-567-2991

; TELEX: 831-494

; INFORMATION FOR SEQ ID NO: 5:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

US-08-468-551-5

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 907 AACGTGAACCTGTCCT 923
|||||
DB 18 AAGGTGCAACTGGTCCT 2

RESULT 1592

US-08-468-551-7/c

; Sequence 7, Application US/08468551

; Patent No. 5874212

; GENERAL INFORMATION:

; APPLICANT: Prockop, Darwin J.

; APPLICANT: Rock, Matthew J.

; APPLICANT: Ganguly, Arupa

; TITLE OF INVENTION: DETECTION OF SINGLE BASE MUTATIONS AND
; TITLE OF INVENTION: OTHER VARIATIONS IN DOUBLE STRANDED DNA BY
; TITLE OF INVENTION: CONFORMATION-SENSITIVE CELL ELECTROPHORESIS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.

; STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND

; STREET: FLOOR

; CITY: PHILADELPHIA

; STATE: PENNSYLVANIA

; COUNTRY: UNITED STATES

; ZIP: 19103-7086

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

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;
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/468,551
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Doyle Leary Ph.D., Kathryn
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: 9855-SU1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-965-1284
; TELEFAX: 215-567-2991
; TELEX: 831-494
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-468-551-7

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 907 AACGTGAACCTGTCCT 923
||| ||| ||| ||| ||| |||
Db 18 AAGTGCAACTGGTCCT 2
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RESULT 1593
US-08-585-684B-2686/c
; Sequence 2686, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2686:
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;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2686

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1703 CTCTGCTACCTGCTG 1719
||||| ||| ||| ||| ||| |||
Db 18 CTCTGGCAACTGGCTG 2

RESULT 1594
US-08-990-818-26/c
; Sequence 26, Application US/08990818
; Patent No. 5910432
; GENERAL INFORMATION:
; APPLICANT: ITO, Kiyoshi
; APPLICANT: YAMAKI, Toshifumi
; APPLICANT: ARII, Teruo
; APPLICANT: TSURUOKA, Miyuki
; APPLICANT: NAKAMURA, Takeshi
; TITLE OF INVENTION: NOVEL NITRILE HYDRATASE
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/990,818
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/800,751
; FILING DATE:
; APPLICATION NUMBER: JP 8-027004
; FILING DATE: 14-PEB-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 028022-007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; US-08-990-818-26

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1007 ACAGAGGGGAGAGCTC 1023
||||| ||| ||| ||| ||| |||
Db 17 ACAGGGGTGGTGGAGCTC 1
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RESULT 1595
US-09-197-378-24
; Sequence 24, Application US/09197378
; Patent No. 5959097
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK2 EXPRESSION
; FILE REFERENCE: RTS-0017
; CURRENT APPLICATION NUMBER: US/09/197,378
; CURRENT FILING DATE: 1998-11-20
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-197-378-24
Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 839 TCTTTGAGTACTGGAC 855
||||| |||||
Db 1 TCTTTGAGCAGCTGGTC 17

RESULT 1596
US-09-161-015-40
; Sequence 40, Application US/09161015A
; Patent No. 5965370
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF RbG EXPRESSION
; FILE REFERENCE: RTS-0015
; CURRENT APPLICATION NUMBER: US/09/161,015A
; CURRENT FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 40
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-015-40
Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 623 AGCTGGACAACTGGGC 639
||||| |||||
Db 1 AGCTGGATCACTGGTC 17

RESULT 1597
US-09-205-860-35/c
; Sequence 35, Application US/09205860
; Patent No. 5981732
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
; FILE REFERENCE: RTS-0031
; CURRENT APPLICATION NUMBER: US/09/205,860
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 35
; LENGTH: 18
; TYPE: DNA
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-860-35
Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 458 AGGACATCAACAGCGC 474
||||| |||||
Db 17 AGGACTTCGACGAGCG 1

RESULT 1598
US-09-213-768-22/c
; Sequence 22, Application US/09213768
; Patent No. 5985664
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SENTRIN EXPRESSION
; FILE REFERENCE: RTS-0026
; CURRENT APPLICATION NUMBER: US/09/213,768
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-768-22
Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 766 CTCAGGACCTCAACA 782
||||| |||||
Db 18 CTCAGAAACTCAAGA 2

RESULT 1599
US-08-696-497B-3
; Sequence 3, Application US/08696497B
; Patent No. 6007231
; GENERAL INFORMATION:
; APPLICANT: Vijg, Jan and Bishop, Robert
; TITLE OF INVENTION: Method of Computer Aided
; TITLE OF INVENTION: Diagnostic DNA Test Design, and Apparatus Therefor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rines & Rines
; STREET: 81 No. 6007231th State Street
; CITY: Concord
; STATE: NH
; COUNTRY: USA
; ZIP: 03301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch
; COMPUTER: IBM PC
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Microsoft No. 6007231epad
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/696,497B
; FILING DATE: 14-AUG-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: No. 6007231e
; ATTORNEY/AGENT INFORMATION:
; NAME: Rines, Robert H.
; REGISTRATION NUMBER: 15,932
; TELECOMMUNICATION INFORMATION:
```

```
; TELEPHONE: (603) 228-0121
; TELEFAX: (603) 228-0210
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double stranded
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; ORIGINAL SOURCE:
; ORGANISM: human
; IMMEDIATE SOURCE:
; LIBRARY: genomic
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: 17/p
US-08-696-497B-3
Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 671 AAAGCAAGCTCAGAC 687
Db 1 AAAGCAGCTCCAGCC 17

RESULT 1600
US-09-106-038A-76/c
; Sequence 76, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 76:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-106-038A-76
Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 30 GCAGAGGTAGCAGGAG 46
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```
Db 18 GCAGGGCGAAGCAGGAG 2
||| ||| ||| ||| |||
RESULT 1601
US-09-205-921-32/c
; Sequence 32, Application US/09205921A
; Patent No. 6008048
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: ex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
; FILE REFERENCE: RTS-0028
; CURRENT APPLICATION NUMBER: US/09/205,921A
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-921-32
Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1697 CTTACTCTCTGCCTACC 1713
Db 17 CTCTCTCTCTCTCTACC 1
||| ||| ||| ||| |||
RESULT 1602
US-09-255-893-47/c
; Sequence 47, Application US/09255893A
; Patent No. 6008344
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2 GROUP IV EXPRESSION
; FILE REFERENCE: RTS-0055
; CURRENT APPLICATION NUMBER: US/09/255,893A
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 47
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-255-893-47
Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 426 GCGCAACCATCCCCAC 442
Db 18 GCCCAACCATCATCCAC 2
||| ||| ||| ||| |||
RESULT 1603
US-09-255-911-44
; Sequence 44, Application US/09255911
; Patent No. 6013522
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD1 EXPRESSION
; FILE REFERENCE: RTS-0040
; CURRENT APPLICATION NUMBER: US/09/255,911
; CURRENT FILING DATE: 1999-02-23
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; NUMBER OF SEQ ID NOS: 46
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-255-911-44

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1445 TGAACATCCATCTCTC 1461
DB 1 TGACTCATCCATCCCTTC 17

RESULT 1604
US-09-289-376-42
; Sequence 42, Application US/09289376
; Patent No. 6013788
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SNAD3 EXPRESSION
; FILE REFERENCE: RTS-0043
; CURRENT APPLICATION NUMBER: US/09/289,376
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 42
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-376-42

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 90 CTCCTGAGGTTGTCGCG 106
DB 1 CTCGGGTTTGCTCGTG 17

RESULT 1605
US-09-357-072-17/c
; Sequence 17, Application US/09357072
; Patent No. 6015712
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Brenda F. Baker
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF PADD EXPRESSION
; FILE REFERENCE: RTS-0027
; CURRENT APPLICATION NUMBER: US/09/357,072
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-072-17

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 208 GAGCAGATAGCGCTGGA 224
DB 18 GAGCAGACGACCTGGA 2

RESULT 1606
US-09-357-072-36
; Sequence 36, Application US/09357072
; Patent No. 6015712
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Brenda F. Baker
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF PADD EXPRESSION
; FILE REFERENCE: RTS-0027
; CURRENT APPLICATION NUMBER: US/09/357,072
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-072-36

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 46 GGACCAGCAGTGTGACT 62
DB 2 GGAGTACAGTGTGACT 18

RESULT 1607
US-09-161-443-33/c
; Sequence 33, Application US/09161443A
; Patent No. 6020198
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF RIP-1 EXPRESSION
; FILE REFERENCE: RTS-0011
; CURRENT APPLICATION NUMBER: US/09/161,443A
; CURRENT FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-443-33

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 188 ACAAGACCAATGGTGCC 204
DB 17 ACAAGACCACTGGATCC 1

RESULT 1608
US-09-339-964-17/c
; Sequence 17, Application US/09339964
; Patent No. 6025198
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION
```


FILE REFERENCE: RTS-0065
CURRENT APPLICATION NUMBER: US/09/339,964
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 17
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-964-17

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 460 GACATCAAGGCGCT 476
||| ||||| |||||
DB 18 GACCTCAACTACGCGCT 2

RESULT 1609
US-08-665-259-40
Sequence 40, Application US/08665259
Patent No. 6028173
GENERAL INFORMATION:
APPLICANT: Landes, Gregory M.
APPLICANT: Burn, Timothy C.
APPLICANT: Connors, Timothy D.
APPLICANT: Dackowski, William R.
APPLICANT: Van Raay, Terence J.
APPLICANT: Klinger, Katherine W.
TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
METHODS OF MAKING AND USING SAME
NUMBER OF SEQUENCES: 73
PRIOR APPLICATION DATA:
ADDRESS: GENZYME CORPORATION
STREET: One Mountain Road
CITY: Framingham
STATE: Massachusetts
COUNTRY: United States of America
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/665,259
FILING DATE: 17-JUN-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Dugan, Deborah A.
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: IG5-9.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 872-8400
TELEFAX: (508) 872-5415
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide primer"
US-08-665-259-40

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1430 CCGCAGAGGATGCGCATG 1446

Db 1 CCGCAGAGGATGCTGTG 17
||| ||||| ||||| ||
RESULT 1610
US-08-762-500-40
Sequence 40, Application US/08762500
Patent No. 6030806
GENERAL INFORMATION:
APPLICANT: Landes, Gregory M.
APPLICANT: Burn, Timothy C.
APPLICANT: Connors, Timothy D.
APPLICANT: Dackowski, William R.
APPLICANT: Van Raay, Terence J.
APPLICANT: Klinger, Katherine W.
TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
METHODS OF MAKING AND USING SAME
NUMBER OF SEQUENCES: 83
PRIOR APPLICATION DATA:
ADDRESS: GENZYME CORPORATION
STREET: One Mountain Road
CITY: Framingham
STATE: Massachusetts
COUNTRY: United States of America
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/762,500
FILING DATE: 09-DEC-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/665,259
FILING DATE: 17-JUN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/10469
FILING DATE: 17-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Dugan, Deborah A.
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: IG5-9.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 872-8400
TELEFAX: (508) 872-5415
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide primer"
US-08-762-500-40

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1430 CCGCAGAGGATGCGCATG 1446
||| ||||| ||||| ||
Db 1 CCGCAGAGGATGCTGTG 17

RESULT 1611
US-08-476-900A-13/c
Sequence 13, Application US/08476900A
Patent No. 6031150
GENERAL INFORMATION:
APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson
TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonylurea Receptor

```

; Patent No. 6031150
; TITLE OF INVENTION: and Method of Detecting Persistent Hyperinsulinemic Hypoglycemia
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 6031150ris
; STREET: One Liberty Place 46th. Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/476,900A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y.
; REGISTRATION NUMBER: 34,293
; REFERENCE/DOCKET NUMBER: BYLR-0027
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acids
; HYPOTHEetical: NO
; ANTI-SENSE: YES
US-08-476-900A-13

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1388 TCCTCACCACGCTGTG 1404
Db 18 TCCTCACCATCCAGTTG 2

RESULT 1612
US-09-014-065-4/c
; Sequence 4, Application US/09014065
; Patent No. 6033854
; GENERAL INFORMATION:
; APPLICANT: Kurnit, David M.
; APPLICANT: Chiang, Pei-wen
; APPLICANT: Wang, Chang-Ning J.
; TITLE OF INVENTION: METHOD FOR DETERMINING THE COPY NUMBER OF A NUCLEIC ACID SEQUENCE
; FILE REFERENCE: 06498/004001
; CURRENT APPLICATION NUMBER: US/09/014,065
; CURRENT FILING DATE: 1998-01-27
; EARLIER APPLICATION NUMBER: US 08/434,474
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-014-065-4

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; Patent No. 6031150
; TITLE OF INVENTION: and Method of Detecting Persistent Hyperinsulinemic Hypoglycemia
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 6031150ris
; STREET: One Liberty Place 46th. Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/476,900A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y.
; REGISTRATION NUMBER: 34,293
; REFERENCE/DOCKET NUMBER: BYLR-0026
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-377-47

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 141 GATCAACGGCAGCTGT 157
Db 2 GATCCAAAGGCGGTGT 18

RESULT 1614
US-08-488-546A-13/c
; Sequence 13, Application US/08488546A
; Patent No. 6054313
; GENERAL INFORMATION:
; APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson, Pamela
; APPLICANT: Thomas, Gilbert Cote, and Robert Gagel
; TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonylurea Receptor
; Patent No. 6054313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 6054313ris
; STREET: One Liberty Place 46th. Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/488,546A
; FILING DATE: 07-JUNE-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/404,531
; FILING DATE: 15-MARCH-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y.
; REGISTRATION NUMBER: 34,293
; REFERENCE/DOCKET NUMBER: BYLR-0026
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-377-47

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 141 GATCAACGGCAGCTGT 157
Db 2 GATCCAAAGGCGGTGT 18

RESULT 1614
US-08-488-546A-13/c
; Sequence 13, Application US/08488546A
; Patent No. 6054313
; GENERAL INFORMATION:
; APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson, Pamela
; APPLICANT: Thomas, Gilbert Cote, and Robert Gagel
; TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonylurea Receptor
; Patent No. 6054313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 6054313ris
; STREET: One Liberty Place 46th. Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/488,546A
; FILING DATE: 07-JUNE-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/404,531
; FILING DATE: 15-MARCH-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y.
; REGISTRATION NUMBER: 34,293
; REFERENCE/DOCKET NUMBER: BYLR-0026
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-377-47
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acids
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-488-546A-13

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1388 TCCTCACCAGCTGTG 1404
    |||||
Db 18 TCCTCACCAGCTGTG 2

RESULT 1615
US-09-339-775-8
; Sequence 8, Application US/09339775
; Patent No. 6063626
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
; FILE REFERENCE: RTS-0069
; CURRENT APPLICATION NUMBER: US/09/339,775
; CURRENT FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-775-8

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1117 ATCTGCTTGGTGCCAC 1133
    |||||
Db 1 ATCTGCTTGGTGCCAC 17

RESULT 1616
US-09-121-920-19
; Sequence 19, Application US/09121920
; Patent No. 6066460
; GENERAL INFORMATION:
; APPLICANT: Kirschner, Mark W.
; APPLICANT: Kinoshita, No. 6066460iyuki
; TITLE OF INVENTION: METHOD FOR CLONING SECRETED PROTEINS
; FILE REFERENCE: HMV-022.01
; CURRENT APPLICATION NUMBER: US/09/121,920
; CURRENT FILING DATE: 1998-07-24
; EARLIER APPLICATION NUMBER: 60/053,586
; EARLIER FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: primer
US-09-121-920-19

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 994 AACCTGCTCATCACGA 1010
    |||||
Db 2 AACCTGCTCATCACGA 18

RESULT 1617
US-08-765-626-36
; Sequence 36, Application US/08765626
; Patent No. 6071726
; GENERAL INFORMATION:
; APPLICANT: Visibie Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,626
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA: PCT/US95/08605
; APPLICATION NUMBER:
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/388,381
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 9 of human p53 gene
US-08-765-626-36

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 187 GACAAGACCAATGGTGC 203
    |||||
Db 2 GAGGAGACCAAGGTGC 18

RESULT 1618
US-08-897-236-20
```

```
; Sequence 20, Application US/08897236A
; Patent No. 6075007
; GENERAL INFORMATION:
; APPLICANT: Regeneron Pharmaceuticals, Inc.
; TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition
; FILE REFERENCE: REG 133
; CURRENT APPLICATION NUMBER: US/08/897,236A
; CURRENT FILING DATE: 1997-07-17
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: Patencin Ver. 2.0
; SEQ ID NO 20
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-08-897-236-20

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1224 GGAGAACAGCTACT 1240
Db 1 GCAGAACACTTACT 17

RESULT 1619
US-09-143-212-17
; Sequence 17, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-17

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1293 GTCCACGAGGAGTCA 1309
Db 1 GTCCACGAGGAGTCCA 17

RESULT 1620
US-09-143-212-18
; Sequence 18, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-18
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Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1287 CATCTGTCCACGAGG 1303
Db 2 CACCTTGTCCAGCGAGG 18

RESULT 1621
US-09-143-212-45
; Sequence 45, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 45
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-45

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 230 GTGTGTGTGTGGCGGC 246
Db 2 GTGGCGGCGCGCGGC 18

RESULT 1622
US-09-143-212-45/c
; Sequence 45, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 45
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-45

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCC 571
Db 17 CCGCGCGCGCGCCACC 1

RESULT 1623
US-09-163-162-44/c
; Sequence 44, Application US/09163162
; Patent No. 6077709
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; OTHER INFORMATION: Ackermann, Elizabeth J.
```

; APPLICANT: Swayze, Eric E.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF Survivin EXPRESSION
; FILE REFERENCE: RTS-0008
; CURRENT APPLICATION NUMBER: US/09/163,162
; CURRENT FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-163-162-44

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 804 TGACATTATCCACACGG 820
Db 17 TCAGTTCACACGG 1

RESULT 1624
US-09-050-559C-13
; Sequence 13, Application US/09050559C
; Patent No. 6096502
; GENERAL INFORMATION:
; APPLICANT: Sam S-K Lee
; TITLE OF INVENTION: NOVEL SUBSTRATE FOR DETECTING UL9
; TITLE OF INVENTION: HELICASE ACTIVITY
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David J. Weitz, Wilson Sonsini Goodrich
; ADDRESSEE: & Rosati
; STREET: 650 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1050
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Microsoft Windows 95/DOS 5.0
; SOFTWARE: Wordperfect for windows 6.0,
; SOFTWARE: ASCII (DOS) TEXT format
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/050,559C
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: David J. Weitz
; REGISTRATION NUMBER: 38,362
; REFERENCE/DOCKET NUMBER: 16842-746
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 493-9300
; TELEFAX: (650) 493-6811
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-09-050-559C-13

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1546 AGCCTTCGGTCTTCGTC 1562
Db 1 AGCCTTCGCACCTTCGTC 17
RESULT 1625
US-09-205-143-61
; Sequence 61, Application US/09205143
; Patent No. 6107091
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
; FILE REFERENCE: RTS-0032
; CURRENT APPLICATION NUMBER: US/09/205,143
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 61
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-143-61

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 360 TGGGAGAGTGACCAGG 376
Db 1 TGGAGAGATAGACCAGG 17

RESULT 1626
US-09-280-409-59/c
; Sequence 59, Application US/09280409
; Patent No. 6107092
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409
; CURRENT FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 59
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-59

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1154 ACATGTGGGTGTGGGC 1170
Db 17 ACCTGTGGGAGTGGTC 1

RESULT 1627
US-09-289-466-46
; Sequence 46, Application US/09289466A
; Patent No. 6124272
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: RTS-0060
; CURRENT APPLICATION NUMBER: US/09/289,466A

; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 46
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-46

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 913 AAACGTTCCTGTTCCA 929
| | | | | | | | | | | | | | | | | |
Db 1 AGACTTTGGTGTTCCA 17

RESULT 1628
US-09-291-837-7/c
; Sequence 7, Application US/09291837
; Patent No. 6143503
; GENERAL INFORMATION:
; APPLICANT: Baskerville, Donald Scott
; APPLICANT: Bartel, David P.
; TITLE OF INVENTION: Use of a Ribozyme to Join Nucleic Acids
; TITLE OF INVENTION: and Peptides
; FILE REFERENCE: WH197-17pA
; CURRENT APPLICATION NUMBER: US/09/291,837
; EARLIER FILING DATE: 1999-04-14
; EARLIER FILING DATE: 1998-04-17
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Ribozyme sequence
US-09-291-837-7

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 162 GACACTCCGAGGTGCC 178
| | | | | | | | | | | | | | | | | |
Db 17 GACACTCGAGGTGTCC 1

RESULT 1629
US-09-286-407-44/c
; Sequence 44, Application US/09286407A
; Patent No. 6165788
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Ackermann, Elizabeth J.
; APPLICANT: Swayze, Eric E.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF Survivin EXPRESSION
; FILE REFERENCE: ISPE-0349
; CURRENT APPLICATION NUMBER: US/09/286,407A
; CURRENT FILING DATE: 1999-04-05
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-286-407-44

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 804 TGACATTATCCACACGG 820
| | | | | | | | | | | | | | | | | |
Db 17 TCACGTTCTCCACACGG 1

RESULT 1630
US-09-474-922A-77/c
; Sequence 77, Application US/09474922A
; Patent No. 6187586
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: Richard A. Roth
; TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION
; FILE REFERENCE: RTS-0036
; CURRENT APPLICATION NUMBER: US/09/474,922A
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 77
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-474-922A-77

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1217 CCACGGTGGAGGACAG 1233
| | | | | | | | | | | | | | | | | |
Db 18 CCTTGTGGAGGACCAG 2

RESULT 1631
US-09-038-073-2686/c
; Sequence 2686, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:

```
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2686:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-2686

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1703 CTCCTGCTACTGCTCG 1719
Db 18 CTCGGCCACTGCTG 2

RESULT 1632
US-09-071-433-39
; Sequence 39, Application US/09071433A
; Patent No. 6197584
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Cowsett, Lex M
; TITLE OF INVENTION: Antisense Modulation of CD40 Expression
; FILE REFERENCE: RTS-0002
; CURRENT APPLICATION NUMBER: US/09/071,433A
; CURRENT FILING DATE: 1998-05-01
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-071-433-39

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1655 GCCACACCCCTCACAGG 1671
Db 2 GACACAGCTCTCACAGG 18

RESULT 1633
US-09-071-433-64/c
; Sequence 64, Application US/09071433A
; Patent No. 6197584
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Cowsett, Lex M
; TITLE OF INVENTION: Antisense Modulation of CD40 Expression
; FILE REFERENCE: RTS-0002
; CURRENT APPLICATION NUMBER: US/09/071,433A
; CURRENT FILING DATE: 1998-05-01
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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US-09-071-433-64

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 225 TGAGAGTGGTGGTGGTG 241
Db 17 TGAGAGCCCTGGTGGTG 1

RESULT 1634
US-09-593-323-17
; Sequence 17, Application US/09593323
; Patent No. 6265213
; GENERAL INFORMATION:
; APPLICANT: Morgan, Antony R.
; APPLICANT: Severini, Alberto
; TITLE OF INVENTION: Compositions and Methods for Determining the Activity
; TITLE OF INVENTION: of DNA-Binding Proteins and of Initiation of
; TITLE OF INVENTION: Transcription
; FILE REFERENCE: DNAB-02921
; CURRENT APPLICATION NUMBER: US/09/593,323
; CURRENT FILING DATE: 2000-06-13
; PRIOR APPLICATION NUMBER: 09/344,300
; PRIOR FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-593-323-17

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1546 AGCCTTCGGTCTTCGTC 1562
Db 1 AGCGTTCCGACTTCGTC 17

RESULT 1635
US-09-268-140-40
; Sequence 40, Application US/09268140
; Patent No. 6268176
; GENERAL INFORMATION:
; APPLICANT: Gemmill, Robert M.
; APPLICANT: Drabkin, Harry A.
; TITLE OF INVENTION: TRC8, A GENE RELATED TO THE HEDGEHOG RECEPTOR, PATCHED
; FILE REFERENCE: 93445-00004
; CURRENT APPLICATION NUMBER: US/09/268,140
; CURRENT FILING DATE: 2000-03-12
; PRIOR APPLICATION NUMBER: US 60/077,723
; PRIOR FILING DATE: 1998-03-12
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 40
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-268-140-40

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 306 CCCACTCAGCTCTGCAC 322
Db 2 CCCAGGCAGCTCTGAAC 18
```

```
RESULT 1636
US-09-268-140-41/c
; Sequence 41, Application US/09268140
; Patent No. 6268176
; GENERAL INFORMATION:
; APPLICANT: Gemmill, Robert M.
; APPLICANT: Drabkin, Harry A.
; TITLE OF INVENTION: TRC8, A GENE RELATED TO THE HEDGEHOG RECEPTOR, PATCHED
; FILE REFERENCE: 93445-00004
; CURRENT APPLICATION NUMBER: US/09/268,140
; CURRENT FILING DATE: 2000-03-12
; PRIOR APPLICATION NUMBER: US 60/077,723
; PRIOR FILING DATE: 1998-03-12
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 41
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-268-140-41

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1014 GGGAGAGCTCAAGCTGG 1030
    ||| ||| ||| ||| ||| |||
DB 18 GGGGAGGTCAGATGG 2

RESULT 1637
US-09-167-874-20
; Sequence 20, Application US/09167874
; Patent No. 6277593
; GENERAL INFORMATION:
; APPLICANT: Valenzuela et al.
; TITLE OF INVENTION: DORSAL TISSUE AFFECTING FACTOR AND COMPOSITIONS
; FILE REFERENCE: REG132-B
; CURRENT APPLICATION NUMBER: US/09/167,874
; CURRENT FILING DATE: 1998-10-07
; EARLIER APPLICATION NUMBER: 08/485,721
; EARLIER FILING DATE: 1995-07-06
; EARLIER APPLICATION NUMBER: 08/392,935
; EARLIER FILING DATE: 1995-09-22
; EARLIER APPLICATION NUMBER: PCT/US93/08326
; EARLIER FILING DATE: 1993-09-02
; EARLIER APPLICATION NUMBER: 07/957,401
; EARLIER FILING DATE: 1992-10-06
; EARLIER APPLICATION NUMBER: 07/950,410
; EARLIER FILING DATE: 1992-09-23
; EARLIER APPLICATION NUMBER: 07/939,954
; EARLIER FILING DATE: 1992-09-03
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-167-874-20

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1224 GGAGACAGCTACT 1240
    ||| ||| ||| ||| ||| |||
DB 1 GCAGACACTTACT 17
```

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RESULT 1638
US-09-172-045-26
; Sequence 26, Application US/09172045
; Patent No. 6277594
; GENERAL INFORMATION:
; APPLICANT: Mikoshiba, Katsuhiko
; APPLICANT: Aruga, Jun
; APPLICANT: Nagai, Takeharu
; APPLICANT: Nakata, Katsunori
; TITLE OF INVENTION: Neurogenesis Inducing Gene
; FILE REFERENCE: Hiraki-03497
; CURRENT APPLICATION NUMBER: US/09/172,045
; CURRENT FILING DATE: 1998-10-08
; EARLIER APPLICATION NUMBER: JP98/86979
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: JP98/121456
; EARLIER FILING DATE: 1998-04-30
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 26
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-172-045-26

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 994 AACCTGCTCATCAACGA 1010
    ||| ||| ||| ||| ||| |||
DB 2 AACCTCCCATCAACCA 18

RESULT 1639
US-09-594-108-17
; Sequence 17, Application US/09594108
; Patent No. 6284468
; GENERAL INFORMATION:
; APPLICANT: Morgan, Antony R.
; APPLICANT: Severini, Alberto
; TITLE OF INVENTION: Compositions and Methods for Determining the Activity
; TITLE OF INVENTION: of DNA-Binding Proteins and of Initiation of
; TITLE OF INVENTION: Transcription
; FILE REFERENCE: DNAB-02921
; CURRENT APPLICATION NUMBER: US/09/594,108
; CURRENT FILING DATE: 2000-06-13
; PRIOR APPLICATION NUMBER: 09/344,300
; PRIOR FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-594-108-17

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1546 AGCCTTCGGTTCGTC 1562
    ||| ||| ||| ||| ||| |||
DB 1 AGCGTTCGCACTTCGTC 17

RESULT 1640
US-09-344-300-17
; Sequence 17, Application US/09344300B
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; Patent No. 6297013
; GENERAL INFORMATION:
; APPLICANT: Morgan, Antony R.
; APPLICANT: Severini, Alberto
; TITLE OF INVENTION: Compositions and Methods for Determining the Activity
; TITLE OF INVENTION: of DNA-Binding Proteins and of Initiation of
; TITLE OF INVENTION: Transcription
; FILE REFERENCE: DNAB-02921
; CURRENT APPLICATION NUMBER: US/09/344,300B
; CURRENT FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-344-300-17

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1546 AGCTTCGGTCTTCGTC 1562
||||| ||||| |||||
Db 1 AGCTTCGGCACTTCGTC 17

RESULT 1641
US-09-209-525-4/c
; Sequence 4, Application US/09209525
; Patent No. 6303770
; GENERAL INFORMATION:
; APPLICANT: Lok, Si
; APPLICANT: Conklin, Darrell C.
; APPLICANT: Parrish, Julia E.
; TITLE OF INVENTION: Mammalian Alpha Helical Protein-1
; CURRENT APPLICATION NUMBER: US/09/209,525
; CURRENT FILING DATE: 1998-12-10
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-209-525-4

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 50 CAGCAGTGTGACTGCTG 66
||| ||| ||||| |||||
Db 18 CATCTGTGGGACTGCTG 2

RESULT 1642
US-08-957-351-21/c
; Sequence 21, Application US/08957351
; Patent No. 6306586
; GENERAL INFORMATION:
; APPLICANT: Semina, Elena
; APPLICANT: Murray, Jeffrey C.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF CATARACTS
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
```

```
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/957,351
; FILING DATE: 24-OCT-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: UIA-024.01
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
US-08-957-351-21

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1085 AGCTGGTGACACTGCTG 1101
||||| ||||| ||||| |||||
Db 17 AGCTGGTGACTCTGCGG 1

RESULT 1643
US-09-522-217-104
; Sequence 104, Application US/09522217
; Patent No. 6307024
; GENERAL INFORMATION:
; APPLICANT: No. 6307024ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHALL LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/522,217
; CURRENT FILING DATE: 2000-03-09
; EARLIER APPLICATION NUMBER: US 60/123,547
; EARLIER FILING DATE: 1999-03-09
; EARLIER APPLICATION NUMBER: US 60/123,904
; EARLIER FILING DATE: 1999-03-11
; EARLIER APPLICATION NUMBER: US 60/142,013
; EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 104
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC23771
US-09-522-217-104

Query Match      0.7%; Score 12.2; DB 1; Length 18;
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Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 653 CCACGGTCTACAAAGGC 669
| | | | | | | | | | | | | | | | | |
Db 2 CCACGTTCCACAATGC 18

RESULT 1644

US-09-496-694B-53/c
; Sequence 53, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 53
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-53

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 804 TGACATTATCCACACGG 820
| | | | | | | | | | | | | | | | | |
Db 17 TCAGTTCTCCACACGG 1

RESULT 1645

US-09-496-694B-93/c
; Sequence 93, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 93
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-93

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 804 TGACATTATCCACACGG 820
| | | | | | | | | | | | | | | | | |
Db 17 TCAGTTCTCCACACGG 1

RESULT 1646

US-08-584-040-8368/c
; Sequence 8368, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8368:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-8368

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 514 CTGGAGAGCTGACCCCT 530
| | | | | | | | | | | | | | | | | |
Db 17 CTGGAGAGCAGAGACT 1

RESULT 1647

US-09-303-069-21/c
; Sequence 21, Application US/09303069A
; Patent No. 6350592
; GENERAL INFORMATION:
; APPLICANT: Lee, Mu-En
; APPLICANT: Hsieh, Chung-Ming

; TITLE OF INVENTION: SINGLE GENE ENCODING AORTIC-SPECIFIC AND STRIATED-SPECIFIC
; FILE OF INVENTION: MUSCLE CELL ISOFORMS AND USES THEREOF

; CURRENT APPLICATION NUMBER: US/09/303,069A
; CURRENT FILING DATE: 1999-04-30
; EARLIER APPLICATION NUMBER: US 09/134,250
; EARLIER FILING DATE: 1998-08-14
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 21
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-303-069-21

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 249 TGACCCCTGGAGAGGCC 265
||||| | | | | | | | | |
Db 17 TGACCCAGCTGAGGCC 1

RESULT 1648

US-09-303-069-22/c
; Sequence 22, Application US/09303069A
; Patent No. 6350592
; GENERAL INFORMATION:
; APPLICANT: Lee, Mu-En
; APPLICANT: Hsieh, Chung-Ming
; TITLE OF INVENTION: SINGLE GENE ENCODING AORTIC-SPECIFIC AND STRIATED-SPECIFIC
; FILE OF INVENTION: MUSCLE CELL ISOFORMS AND USES THEREOF
; CURRENT APPLICATION NUMBER: US/09/303,069A
; CURRENT FILING DATE: 1999-04-30
; EARLIER APPLICATION NUMBER: US 09/134,250
; EARLIER FILING DATE: 1998-08-14
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-303-069-22

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 249 TGACCCCTGGAGAGGCC 265
||||| | | | | | | | | |
Db 17 TGACCCGTGCTGAGGCC 1

RESULT 1649

US-08-679-645-633
; Sequence 633, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 633:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-679-645-633

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 76.5%; Pred. No. 8.3e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 111 CCGCCGATCGCCATGG 127
| | | | | | | | | | | | | |
Db 2 CGGCCGCGCCCAAG 18

RESULT 1650

US-08-679-645-1165
; Sequence 1165, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.

ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1165:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-1165

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 554 CCTCAGCGCGCGCTC 570
||| |||||
DB 2 CCGCGCGCGCGCGCGC 18

RESULT 1651
US-09-205-995-42
Sequence 42, Application US/09205995
Patent No. 6368855
GENERAL INFORMATION:
APPLICANT: Xu, Minzhen
APPLICANT: Qiu, Gang
APPLICANT: Humphreys, Robert
TITLE OF INVENTION: CANCER CELL VACCINE
FILE REFERENCE: U.S. Application 09/205,995, (CIP)
CURRENT APPLICATION NUMBER: US/09/205,995
CURRENT FILING DATE: 1998-12-04
PRIOR APPLICATION NUMBER: 09/036,746
PRIOR FILING DATE: 1998-03-09
PRIOR APPLICATION NUMBER: 08/661,627
PRIOR FILING DATE: 1996-06-11
NUMBER OF SEQ ID NOS: 79
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 42
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: antisense
OTHER INFORMATION: oligonucleotide corresponding to a specific region
OTHER INFORMATION: of the mouse Ii gene.
US-09-205-995-42

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 267 CACAGTGTCTGCTCTG 283
||| |||||
DB 1 CACAGGCGCTGCTGCTG 17
||| |||||
RESULT 1652
US-09-423-744A-10
Sequence 10, Application US/09423744A
Patent No. 6372500
GENERAL INFORMATION:
APPLICANT: HSC Research and Development Limited Partnership
TITLE OF INVENTION: Episomal Expression Cassettes for Gene Therapy
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rockey, Milnamov & Katz, Ltd.
STREET: 180 N. Stetson Avenue, Suite 4700
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/423,744A
FILING DATE: 12-NO. 6372500-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/CA98/00478
FILING DATE: May 14, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Lisa V. Mueller
REFERENCE/DOCKET NUMBER: DWM6064P0020US
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: -
LOCATION: 1..18
IDENTIFICATION METHOD:
OTHER INFORMATION: /note= "cftpr1 synthetic DNA
oligonucleotide - amplification primer for PCR mutagenesis"
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-423-744A-10

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 248 GTGACCTGGAGAGGCC 264
||| |||||
DB 1 GAGACCAATGGAGAGGTC 17

RESULT 1653
US-09-167-109-117
Sequence 117, Application US/09167109
Patent No. 6399297
GENERAL INFORMATION:
APPLICANT: Baker, Brenda F.
APPLICANT: Cowser, Lex M.
APPLICANT: Monia, Brett P.
APPLICANT: Xu, Xiaoxing S.
TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
FILE REFERENCE: ISPH-0321
CURRENT APPLICATION NUMBER: US/09/167,109
CURRENT FILING DATE: 1998-10-06

```
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 117
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-117

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1378 GGGCGCGACCTCCTCAC 1394
DB 1 GCGGAGCCCTCCTCAC 17

RESULT 1654
US-08-882-322-2/c
; Sequence 2, Application US/08882322
; Patent No. 6407056
; GENERAL INFORMATION:
; APPLICANT: Seiberg et al.
; TITLE OF INVENTION: METHODS FOR ALTERING HAIR GROWTH AND HAIR PIGMENTATION BY APO
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Johnson & Johnson
; STREET: One J&J Plaza
; CITY: New Brunswick
; STATE: NJ
; COUNTRY: USA
; ZIP: 08933
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/882,322
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Mangini, Michelle
; REGISTRATION NUMBER: 36,806
; REFERENCE/DOCKET NUMBER: J&J-1663/1616
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-524-2810
; TELEFAX: 908-524-2808
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-882-322-2

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 754 GAAGTGTCCCTGCTCAAA 770
DB 18 GAAGTGGCCCGACGACAA 2

RESULT 1655
US-09-387-341-183
; Sequence 183, Application US/09387341
; Patent No. 6410323
; GENERAL INFORMATION:
; APPLICANT: Roberts, M. Luisa
```

```
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
; FILE REFERENCE: ISPH-0404
; CURRENT APPLICATION NUMBER: US/09/387,341
; CURRENT FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: 09/156,424
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,979
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,807
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/161,015
; EARLIER FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 183
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-183

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 623 AGCTGGACAAACTGGGC 639
DB 1 AGCTGGATGAAGTGGTC 17

RESULT 1656
US-09-619-103-13/c
; Sequence 13, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence to act as a target for a linker
US-09-619-103-13

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 411 AGTCAGAGTCGGTATGC 427
DB 17 AGTGAAGAGCGTATAC 1

RESULT 1657
US-09-702-543-7/c
; Sequence 7, Application US/09702543
; Patent No. 6429301
; GENERAL INFORMATION:
; APPLICANT: Baskerville, Donald Scott
; APPLICANT: Bartel, David P.
```

```
; TITLE OF INVENTION: Use of a Ribozyme to Join Nucleic Acids
; FILE REFERENCE: 0399.1177-007
; CURRENT APPLICATION NUMBER: US/09/702,543
; CURRENT FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: US 09/291,837
; PRIOR FILING DATE: 1999-04-14
; PRIOR APPLICATION NUMBER: US 60/082,256
; PRIOR FILING DATE: 1998-04-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 18 Nucleotide Ribozyme Segment Sufficient To Specifically Covalent
US-09-702-543-7

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 162 GACACTCCGAGGTGCC 178
Db 17 GACACTCGGAGTGTGCC 1

RESULT 1658
US-09-920-760-39
; Sequence 39, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-39

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 336 CGAGGACTTGAGATGG 352
Db 2 CGAGGATGTCAGATGG 18

RESULT 1659
US-09-920-760-42/c
; Sequence 42, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 42
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
```

```
US-09-920-760-42
Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 699 ACTCAAGGAGATCAGAC 715
Db 18 ACTCAAGAGAGACCACC 2

RESULT 1660
US-09-920-760-50/c
; Sequence 50, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 50
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-50

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 514 CTGGAGAGCTGACCCCT 530
Db 18 CGGAGAGAGCTGTCTCT 2

RESULT 1661
US-09-920-760-63
; Sequence 63, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 63
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-63

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1117 ATCCTGCTGGTGGTCCAC 1133
Db 1 ATCCTGCTGGAGCCACC 17

RESULT 1662
US-09-077-619-13/c
; Sequence 13, Application US/09077619
; Patent No. 6500614
; GENERAL INFORMATION:
; APPLICANT: ARGUELLO, Rafael
```

```
; APPLICANT: AVAKIAN, Hovanes
; APPLICANT: MADRIGAL, Alejandro
; TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE
; FILE REFERENCE: 028979/0104
; CURRENT APPLICATION NUMBER: US/09/077,619
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/GB96/02959
; PRIOR FILING DATE: 1996-11-29
; PRIOR APPLICATION NUMBER: GB 9524381.2
; PRIOR FILING DATE: 1995-11-29
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-077-619-13

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 556 CTCAGCCGCCGCTCCG 572
Db 18 CTGAGCCGCCGCTCCG 2
```

```
RESULT 1663
US-09-077-619-29/c
; Sequence 29, Application US/09077619
; Patent No. 6500614
; GENERAL INFORMATION:
; APPLICANT: ARGUELLO, Rafael
; APPLICANT: AVAKIAN, Hovanes
; APPLICANT: MADRIGAL, Alejandro
; TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE
; FILE REFERENCE: 028979/0104
; CURRENT APPLICATION NUMBER: US/09/077,619
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/GB96/02959
; PRIOR FILING DATE: 1996-11-29
; PRIOR APPLICATION NUMBER: GB 9524381.2
; PRIOR FILING DATE: 1995-11-29
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-077-619-29
```

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Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 738 CTCGACCGCCATCGGG 754
Db 18 CTGCTCCGCCACACGG 2
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```
RESULT 1664
US-09-342-325C-26
; Sequence 26, Application US/09342325C
; Patent No. 6500637
; GENERAL INFORMATION:
; APPLICANT: Mikoshiba, Katsuhiko
; APPLICANT: Aruga, Jun
; APPLICANT: Nagai, Takeharu
; APPLICANT: Katsunori, Nakata
; TITLE OF INVENTION: Neurogenesis Inducing Gene
; FILE REFERENCE: HIRAKI-03814
; CURRENT APPLICATION NUMBER: US/09/342,325C
; CURRENT FILING DATE: 1999-06-30
```

```
; PRIOR APPLICATION NUMBER: JP98/86979
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: JP98/121456
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 09/172,045
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 26
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-342-325C-26
```

```
Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 994 AACCTGCTCATCAACGA 1010
Db 2 AACCTTCCCATCAACCA 18
```

```
RESULT 1665
US-09-500-253B-20
; Sequence 20, Application US/09500253B
; Patent No. 6500640
; GENERAL INFORMATION:
; APPLICANT: Regeneron Pharmaceuticals, Inc.
; TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition
; FILE REFERENCE: REG 133-Z
; CURRENT APPLICATION NUMBER: US/09/500,253B
; CURRENT FILING DATE: 2000-02-08
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Mouse
US-09-500-253B-20
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Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1224 GGAGGAACAGCTACACT 1240
Db 1 GCAGGAACACTTACACT 17
```

```
RESULT 1666
US-09-422-978-6083
; Sequence 6083, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6083
; LENGTH: 18
```

```
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-8804 for SEQ 2149,
US-09-422-978-6083

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1152 TGACATGTGGGTGGTGG 1168
      ||||| ||||| |||||
Db 2 TGACATTGGGAAGTGG 18

RESULT 1667
US-09-422-978-6531/c
; Sequence 6531, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6531
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-1211 for SEQ 2597,
US-09-422-978-6531

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1679 CCAACTACATCTTCCCT 1695
      ||||| ||||| |||||
Db 18 CCAACCACTTGTCCCT 2

RESULT 1668
US-09-422-978-6597
; Sequence 6597, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
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; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6597
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-13205 for SEQ 2663,
US-09-422-978-6597

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1433 CAGAGGATGCCATGAAA 1449
      ||||| ||||| |||||
Db 1 CAGAGGAGGACATAAAA 17

RESULT 1669
US-09-422-978-7233/c
; Sequence 7233, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7233
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-3058 for SEQ 3299,
US-09-422-978-7233

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1457 TCTTCCTCAGTCTGGGG 1473
      ||||| ||||| |||||
Db 17 TCTTCCTATTCTGGGG 1

RESULT 1670
US-09-422-978-8462/c
; Sequence 8462, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
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; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 8462

LENGTH: 18

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..18

OTHER INFORMATION: downstream amplification primer 99-15625 for SEQ 597, in complement

US-09-422-978-8462

Query Match 0.7%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 8.3e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1311 GACATACAACTACCCCA 1327

Db 18 GAGATACACCTATCCCA 2

RESULT 1671

US-09-422-978-8588

; Sequence 8588, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET 020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 8588

LENGTH: 18

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..18

OTHER INFORMATION: downstream amplification primer 99-16847 for SEQ 723, in complement

US-09-422-978-8588

Query Match 0.7%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 8.3e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 594 TGGCTTGGGAACTGG 610

Db 1 TGGGTTAGGGAATGG 17

RESULT 1672

US-09-422-978-9354

; Sequence 9354, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET 020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 9354

LENGTH: 18

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..18

OTHER INFORMATION: downstream amplification primer 99-25538 for SEQ 1489, in complement

US-09-422-978-9354

Query Match 0.7%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 8.3e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 529 CTCATAGCCCATCTT 545

Db 1 CTCATCACTCCATCTT 17

RESULT 1673

US-09-422-978-9642

; Sequence 9642, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET 020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 9642

LENGTH: 18

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..18

OTHER INFORMATION: downstream amplification primer 99-632 for SEQ 1777, in complement

US-09-422-978-9642

Query Match 0.7%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 8.3e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1490 TTCCTGACACTACTTC 1506

Db 2 TTCCACCACTACTTCC 18

RESULT 1674

US-09-422-978-9692

; Sequence 9692, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

RESULT 1676
US-09-254-776B-23
; Sequence 23, Application US/09254776B
; Patent No. 6559359
; GENERAL INFORMATION:
; APPLICANT: Laten. Howard

RESULT 1676
US-09-254-776B-23
; Sequence 23, Application US/09254776B
; Patent No. 6559359
; GENERAL INFORMATION:
; APPLICANT: Laten. Howard

; APPLICANT: Johnston, Janet V.
 ; APPLICANT: Nelson, Andrew J.
 ; APPLICANT: Dillon, Stacey R.

; APPLICANT: Johnston, Janet V.
 ; APPLICANT: Nelson, Andrew J.
 ; APPLICANT: Dillon, Stacey R.

```
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHALL LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923,246
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 2000-03-09
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; SOFTWARE: FastSeq for Windows Version 3.0
; NUMBER OF SEQ ID NOS: 115
; SEQ ID NO 104
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC23771
US-09-923-246-104

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      653 CCACCGCTCTACAAAGGC 669
Db      ||||| ||||| ||||| |||||
        2 CCACCTTCACAATGTC 18

RESULT 1679
US-09-526-193A-35/c
; Sequence 35, Application US/09526193A
; Patent No. 6617122
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; FILE REFERENCE: 50110/002005
; CURRENT APPLICATION NUMBER: US/09/526,193A
; CURRENT FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-35

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      877 GATGACTGTGGGAACAT 893
Db      ||||| ||||| ||||| |||||
        18 GCTGGCTGAGGGAACAT 2

RESULT 1680
US-09-907-794A-229/c
; Sequence 229, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 229
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-907-794A-229
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Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 450 CTCCTGAGGACATCA 466
    ||||| ||||| |||||
Db 18 CTCCTGAGGACATCA 2

RESULT 1681
US-09-807-784B-12/c
; Sequence 12, Application US/09807784B
; Patent No. 6653118
; GENERAL INFORMATION:
; APPLICANT: Tanuma, Sei-ichi
; APPLICANT: Shokawa, Daisuke
; TITLE OF INVENTION: No. 6653118el Deoxyribonuclease, Gene Encoding Thereof and Use Th
; FILE REFERENCE: 210792
; CURRENT APPLICATION NUMBER: US/09/807,784B
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: JP 11-230870
; PRIOR FILING DATE: 1999-08-17
; NUMBER OF SEQ ID NOS: 15
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide designed to act as antisense primer for
; OTHER INFORMATION: amplifying coding sequence of Dnase II signal peptide.
US-09-807-784B-12

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1104 CCGGCGCCCTGCATCC 1120
    ||||| ||||| |||||
Db 17 CCGGCGCCCTGCATGC 1

RESULT 1682
US-09-905-125A-229/c
; Sequence 229, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kmetz, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
```

```
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 229
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-905-125A-229

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 450 CTCCTGAGGACATCA 466
    ||||| ||||| |||||
Db 18 CTCCTGAGGACATCA 2

RESULT 1683
US-09-619-758-10/c
; Sequence 10, Application US/09619758
; Patent No. 6667164
; GENERAL INFORMATION:
; APPLICANT: Miller, Marcia M
; APPLICANT: Afanassieff, Marielle
; APPLICANT: Briles, W
; TITLE OF INVENTION: Methods for Breeding Disease-resistant Domestic Fowl
; FILE REFERENCE: 1954-322
; CURRENT APPLICATION NUMBER: US/09/619,758
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/244,093
; PRIOR FILING DATE: 1999-02-04
; PRIOR APPLICATION NUMBER: US 08/744,025
; PRIOR FILING DATE: 1996-12-27
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; PRIOR APPLICATION NUMBER: US 07/865,662
; PRIOR FILING DATE: 1995-01-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer for
; OTHER INFORMATION: SSCP analysis of Mhc B class I genotype of fowl
US-09-619-758-10

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 966 GGTGCTACCCGAGACC 982
||| ||||| |||||
Db 17 GCGGCTACACCAAGACC 1

RESULT 1684
US-09-647-143-12/c
; Sequence 12, Application US/09647143
; Patent No. 6680196
; GENERAL INFORMATION:
; APPLICANT: Batra, Surinder K.
; APPLICANT: Hollingsworth, Michael A.
; APPLICANT: University of Nebraska Board of Regents
; TITLE OF INVENTION: No. 6680196el Gene That is Amplified and
; TITLE OF INVENTION: Overexpressed in Cancer and Methods of Use Thereof
; FILE REFERENCE: UNMC63121
; CURRENT APPLICATION NUMBER: US/09/647,143
; CURRENT FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US99/06633
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: 60/079,649
; PRIOR FILING DATE: 1998-03-27
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-647-143-12

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1559 CGTCGATGCTGACTCA 1575
||| ||||| |||||
Db 18 CGTTGGTGCTGACTGA 2

RESULT 1685
US-10-295-723-104
; Sequence 104, Application US/10295723
; Patent No. 6686178
; GENERAL INFORMATION:
; APPLICANT: No. 6686178ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16

; CURRENT APPLICATION NUMBER: US/10/295,723
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 104
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer 2C23771
US-10-295-723-104

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 653 CCACCGTCTACAAAGGC 669
||| ||||| |||||
Db 2 CCACCTTCACAAATGC 18

RESULT 1686
US-09-902-775A-229/c
; Sequence 229, Application US/09902775A
; Patent No. 6686451
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,775A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594

;; PRIOR FILING DATE: 1999-09-08
;; PRIOR APPLICATION NUMBER: PCT/US99/20944
;; PRIOR FILING DATE: 1999-09-13
;; PRIOR APPLICATION NUMBER: PCT/US99/21090
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/21547
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/23089
;; PRIOR FILING DATE: 1999-10-05
;; PRIOR APPLICATION NUMBER: PCT/US99/28214
;; PRIOR FILING DATE: 1999-11-29
;; PRIOR APPLICATION NUMBER: PCT/US99/28313
;; PRIOR FILING DATE: 1999-11-30
;; PRIOR APPLICATION NUMBER: PCT/US99/28564
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/28565
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/30095
;; PRIOR FILING DATE: 1999-12-16
;; PRIOR APPLICATION NUMBER: PCT/US99/30911
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US99/30999
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US00/00219
;; PRIOR FILING DATE: 2000-01-05
;; NUMBER OF SEQ ID NOS: 423
;; SEQ ID NO 229
;; LENGTH: 18
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
;; OTHER INFORMATION: oligonucleotide probe
US-09-902-775A-229

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 450 CTCCTACTGAGCATCA 466
||||| ||||| ||||| |||||
Db 18 CTCCTCTGTGGACGCA 2

RESULT 1687
US-09-886-607-10/c
; Sequence 10, Application US/09886607
; Patent No. 6696253
; GENERAL INFORMATION:
; APPLICANT: Miller, Marcia
; APPLICANT: Afanassieff, Marielle
; APPLICANT: Briles, W. Elwood
; TITLE OF INVENTION: Method for Breeding Disease Resistant Domesticated Fowl
; FILE REFERENCE: 1954-376
; CURRENT APPLICATION NUMBER: US/09/886,607
; PRIOR FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 09/244,093
; PRIOR FILING DATE: 1999-02-04
; PRIOR APPLICATION NUMBER: US 09/619,757
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 08/774,025
; PRIOR FILING DATE: 1996-12-27
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Gallus sp.
US-09-886-607-10

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 966 GGTGTACACGAGACC 982
||||| ||||| ||||| |||||
Db 17 GCGCTACACGAGACC 1

RESULT 1688
US-08-711-628-4/c
; Sequence 4, Application US/08711628
; Patent No. 6713247
; GENERAL INFORMATION:
; APPLICANT: Sah, Dinah W.Y.
; APPLICANT: Gage, Fred H.
; APPLICANT: Ray, Jasodhara
; TITLE OF INVENTION: HUMAN CNS CELL LINES AND METHODS OF USE
; TITLE OF INVENTION: THEREFOR
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/711,628
; FILING DATE: 03-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 860098.415
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-711-628-4

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 841 TTTGAGTACCTGGAGAA 857
||||| ||||| ||||| |||||
Db 18 TTTCAGGACCTGGAGAA 2

RESULT 1689
US-09-868-451B-7
; Sequence 7, Application US/09868451B
; Patent No. 6716883
; GENERAL INFORMATION:
; APPLICANT: Casper, Robert
; APPLICANT: Tettenbaum, Howard
; TITLE OF INVENTION: A COMPOSITION USEFUL TO TREAT PERIODONTAL DISEASE
; FILE REFERENCE: P54201
; CURRENT APPLICATION NUMBER: US/09/868,451B
; CURRENT FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: US 60/113,937
; PRIOR FILING DATE: 1998-12-24
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: ASCII Text
; SEQ ID NO 7

; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence : pcr primer
; Patent No. 6716883
US-09-868-451B-7

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 216 AGGCCTGGATGAGATG 232
||||| ||||| |||||
Db 1 AGGCCGGGTGACAGTG 17

RESULT 1690

US-10-177-257-7/c
; Sequence 7, Application US/10177257
; Patent No. 6716973
; GENERAL INFORMATION:
; APPLICANT: Baskerville, Donald Scott
; APPLICANT: Bartel, David P.
; TITLE OF INVENTION: Use of a Ribozyme to Join Nucleic Acids
; TITLE OF INVENTION: and Peptides
; FILE REFERENCE: 0399.1177-007
; CURRENT APPLICATION NUMBER: US/10/177,257
; CURRENT FILING DATE: 2002-06-20
; PRIOR APPLICATION NUMBER: US/09/702,543
; PRIOR FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: US 09/291,837
; PRIOR FILING DATE: 1999-04-14
; PRIOR APPLICATION NUMBER: US 60/082,256
; PRIOR FILING DATE: 1998-04-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 18 Nucleotide Ribozyme Segment Sufficient To Specifically Covalently Link To The Tat tag Peptide
US-10-177-257-7

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 162 GACACTCCGAGTGGCC 178
||||| ||||| |||||
Db 17 GACACTCGGAGCTGTC 1

RESULT 1691

US-09-906-700-229/c
; Sequence 229, Application US/09906700
; Patent No. 6723535
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,700
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 229
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-906-700-229

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 450 CTCCTCTGAGGACATCA 466
||||| ||||| |||||
Db 18 CTCCTCTGTGGACGCA 2

RESULT 1692

US-09-864-680A-13/c
; Sequence 13, Application US/09864680A

```
; Patent No. 6762285
; GENERAL INFORMATION:
; APPLICANT: Staskawicz, Brian J
; APPLICANT: Dahlbeck, Douglas
; APPLICANT: Tai, Thomas H
; TITLE OF INVENTION: B2 RESISTANCE GENE
; FILE REFERENCE: 42250/234021 (5830-4A)
; CURRENT APPLICATION NUMBER: US/09/864,680A
; CURRENT FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: US 09/360,186
; PRIOR FILING DATE: 1999-07-23
; PRIOR APPLICATION NUMBER: US 60/093,957
; PRIOR FILING DATE: 1998-07-23
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
US-09-864-680A-13

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 691 CTTGTGGCAGCTCAAGGA 707
      ||||| ||||| ||||| |||||
Db 18 CATGAGGCGCTCAAGGA 2

RESULT 1693
US-09-903-603A-229/c
; Sequence 229, Application US/09903603A
; Patent No. 6767995
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: GNE.1618P2C12
; CURRENT APPLICATION NUMBER: US/09/903,603A
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26

; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 229
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-903-603A-229

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 450 CTCCTGAGGAGCATCA 466
      ||||| ||||| ||||| |||||
Db 18 CTCCTGAGGAGCATCA 2

RESULT 1694
US-09-544-398B-509
; Sequence 509, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11ql3.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398B
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 509
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-544-398B-509
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Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels

QY 923 TGTTCAGCTGCTCCGT 939
|||
Db 2 TGTTCAGCTCCTCTGT 18

```

RESULT 1695
PCT-US92-08094-55
; Sequence 55, Application PC/TUS9208094
; GENERAL INFORMATION:
; APPLICANT: GENENTECH, INC.
; APPLICANT: Amesto, Edward P.
; TITLE OF INVENTION: DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISORDERS
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080-4990
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/08094
; FILING DATE: 19920923
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/765222
; FILING DATE: 23-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/779445
; FILING DATE: 18-OCT-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/853362
; FILING DATE: 18-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Hensley, Max D.
; REGISTRATION NUMBER: 27,043
; REFERENCE/DOCKET NUMBER: 734P3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; PCT-US92-08094-55

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Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels

Qy 67 AAACCCAGGGAGGGCC 83
Db 2 AAACCCAGGGAGCTCC 18

RESULT 1696
PCT-US93-05794-9/c
; Sequence 9, Application PC/TUS9305794
; GENERAL INFORMATION:

```

: APPLICANT: The Regents of the University of California
:
: TITLE OF INVENTION: Gene for Ataxia-Telangiectasia
:
: TITLE OF INVENTION: Complementatation Group D (ATDC)
:
: NUMBER OF SEQUENCES: 45
:
: CORRESPONDENCE ADDRESS:
:
: ADDRESSEE: Leona L. Lauder
:
: STREET: 177 Post Street, Suite 800
:
: CITY: San Francisco
:
: STATE: California
:
: COUNTRY: San Francisco
:
: ZIP: 94108-4731
:
: COMPUTER READABLE FORM:
:
: MEDIUM TYPE: Floppy disk
:
: COMPUTER: IBM PC compatible
:
: OPERATING SYSTEM: PC-DOS/MS-DOS
:
: SOFTWARE: PatentIn Release #1.0, Version #1.25
:
: CURRENT APPLICATION DATA:
:
: APPLICATION NUMBER: PCT/US93/05794
:
: FILING DATE: 19930618
:
: PRIOR APPLICATION DATA:
:
: APPLICATION NUMBER: US 07/903,466
:
: FILING DATE: 22-JUN-1992
:
: ATTORNEY/AGENT INFORMATION:
:
: NAME: Lauder, Leona L.
:
: REGISTRATION NUMBER: 30,863
:
: REFERENCE/DOCKET NUMBER: 91-077-1 PCT
:
: TELECOMMUNICATION INFORMATION:
:
: TELEPHONE: 415-421-4973
:
: TELEFAX: 415-421-1663
:
: INFORMATION FOR SEQ ID NO: 9:
:
: SEQUENCE CHARACTERISTICS:
:
: LENGTH: 18 base pairs
:
: TYPE: nucleic acid
:
: STRANDEDNESS: single
:
: TOPOLOGY: linear
:
: MOLECULE TYPE: PCR primer
:
: HYPOTHETICAL: NO
:
: ANTI-SENSE: NO
:
: PCT-US93-05794-9

```

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1678 CCAACTACATCTTCCC 1694
Db 18 CCGAACTTCATCTTCTC 2

```

RESULT 1697
PCT-US93-08326-20
; Sequence 20, Application PC/TUS9308326
; GENERAL INFORMATION:
; APPLICANT: Valenzuela, et al.
; TITLE OF INVENTION: Dorsal Tissue Affecting Factor and
; TITLE OF INVENTION: Compositions
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Regeneron Pharmaceuticals, Inc.
; STREET: 777 Old Saw Mill River Road
; CITY: Tarrytown
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10591
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/08326
; FILING DATE: 02-SEP-1993
; CLASSIFICATION:

```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Kempler Ph.D., Gail M.
; REGISTRATION NUMBER: 32,143
; REFERENCE/DOCKET NUMBER: Reg 132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 914-347-7000
; TELEFAX: 914-347-2113
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA
PCT-US93-08326-20

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1224 GGAGGACAGCTACT 1240
Db 1 GCAGGACACTTACT 17

RESULT 1698
PCT-US95-00176A-3
; Sequence 3, Application PC/TUS9500176A
; GENERAL INFORMATION:
; APPLICANT: Alan M. Gewirtz, Donald Small, Curt I. Civin.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES
; TITLE OF INVENTION: SPECIFIC FOR STK-1 AND METHOD FOR INHIBITING EXPRESSION OF THE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL GONDA LAVORGNA & MONACO
; STREET: Suite 1800, Penn Center Plaza
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/00176A
; FILING DATE: 6 January 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/183,211
; FILING DATE: 14 January 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 3957-14 PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: None
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 Nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
PCT-US95-00176A-6

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 554 CCTCAGCGCGGCTC 570
Db 18 CCTCGGATCGCGCTC 2

RESULT 1700
PCT-US95-08605-36
; Sequence 36, Application PC/TUS9508605
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
```

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Db 1 CCTCGGATCGCGCTC 17

RESULT 1699
PCT-US95-00176A-6/c
; Sequence 6, Application PC/TUS9500176A
; GENERAL INFORMATION:
; APPLICANT: Alan M. Gewirtz, Donald Small, Curt I. Civin.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES
; TITLE OF INVENTION: SPECIFIC FOR STK-1 AND METHOD FOR INHIBITING EXPRESSION OF THE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL GONDA LAVORGNA & MONACO
; STREET: Suite 1800, Penn Center Plaza
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/00176A
; FILING DATE: 6 January 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/183,211
; FILING DATE: 14 January 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 3957-14 PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: None
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 Nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
PCT-US95-00176A-6

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 554 CCTCAGCGCGGCTC 570
Db 18 CCTCGGATCGCGCTC 2

RESULT 1700
PCT-US95-08605-36
; Sequence 36, Application PC/TUS9508605
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
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; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08605
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/388,381
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 9 of human p53 gene
; PCT-US95-08605-36

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 187 GACCAAGACCAATGGTGC 203
Db 2 GAGGAGACCAAGGTGC 18

RESULT 1701
5187077-9/c
; PATENT NO. 5187077
; APPLICANT: GEARING, DAVID P.; GOUGH, NICHOLAS M.; HILTON, DOUGLAS J.; KING, JULIE A.; METCALF, DONALD; NICE, EDOUARD C.; NICOLA, NICOS A.; SIMPSON, RICHARD J.; WILLSON, TRACY A.
; TITLE OF INVENTION: LEUKEMIA INHIBITORY FACTOR
; NUMBER OF SEQUENCES: 41
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/294,514
; FILING DATE: 09-DEC-1988
; SEQ ID NO: 9:
; LENGTH: 18
5187077-9

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 728 AGGGGGCACCGTCACC 744
Db 17 AGAGGGGCTCCCTGCCCC 1

RESULT 1702
5492811-1/c
; PATENT NO. 5492811
; APPLICANT: GILSON, ERIC; CLEMENT, JEAN-MARIE; PERRIN, DAVID; FULLMANN, ANGES; HOFNUNG, MAURICE
; TITLE OF INVENTION: BACTERIAL DIAGNOSTIC PROBE
; NUMBER OF SEQUENCES: 21
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/164,769
; FILING DATE: 10-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 984,289
; FILING DATE: 01-DEC-1992
; APPLICATION NUMBER: 870,234
; FILING DATE: 20-APR-1992
; APPLICATION NUMBER: 602,914
; FILING DATE: 24-OCT-1990
; APPLICATION NUMBER: 85,178
; FILING DATE: 14-AUG-1987
; SEQ ID NO: 1:
; LENGTH: 18
5492811-1

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 64.7%; Pred. No. 8.3e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 740 GCACCGCCATCCGGGAA 756
Db 18 RCGYCGCCATCMGCGCAW 2

RESULT 1703
US-09-696-791-321
; Sequence 321, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 321
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-321

Query Match 0.7%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 835 CTGTCTTTGAGTACCT 851
Db 3 CTGTCTTTGAGTCTCT 19

RESULT 1704
US-09-696-791-322
; Sequence 322, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
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; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 322
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-322

Query Match 0.7%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 9e+02; 3; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 CTTGTCCTTGAGTACCT 851
DB 2 CTTGTCCTTGAGTACCT 18

RESULT 1705
US-08-221-816B-28/c
; Sequence 28, Application US/08221816B
; Patent No. 5738985
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; APPLICANT: Mathews, Michael B.
; APPLICANT: Katze, Michael G.
; APPLICANT: Witherell, Gary
; APPLICANT: Watson, Julia C.
; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
; TITLE OF INVENTION: OF VIRAL REPLICATION
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036/2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,816B
; FILING DATE: 01-APR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7960-030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 869-8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-08-221-816B-28

Query Match 0.7%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1122 GCTTGGGTCCAC 1133
|||||

Db 12 GCTTGGGTCCAC 1

RESULT 1706

US-10-112-547-28/c
; Sequence 28, Application US/10112547
; Patent No. 6579674
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; APPLICANT: Mathews, Michael B.
; APPLICANT: Katze, Michael G.
; APPLICANT: Witherell, Gary
; APPLICANT: Watson, Julia C.

TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
OF VIRAL REPLICATION

NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036/2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/112,547
FILING DATE: 28-Mar-2002
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/221,816B
FILING DATE: 01-APR-1994

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7960-030

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 28:

SEQUENCE CHARACTERISTICS:

LENGTH: 12 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: RNA

SEQUENCE DESCRIPTION: SEQ ID NO: 28:

US-10-112-547-28

Query Match 0.7%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1122 GCTTGGGTCCAC 1133
|||||

Db 12 GCTTGGGTCCAC 1

RESULT 1707

US-10-112-241-28/c
; Sequence 28, Application US/10112241
; Patent No. 6623961
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; APPLICANT: Mathews, Michael B.
; APPLICANT: Katze, Michael G.
; APPLICANT: Witherell, Gary
; APPLICANT: Watson, Julia C.

TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION

```
/
;
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036/2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/112,241
; FILING DATE: 28-Mar-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,816B
; FILING DATE: 01-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7960-030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-10-112-241-28

Query Match 0.7%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1122 GCTTGGGTCCAC 1133
Db 12 GCTTGGGTCCAC 1

RESULT 1708
US-09-874-601-168/c
; Sequence 168, Application US/09874601
; Patent No. 6632057
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: SHAW, LYNN C.
; APPLICANT: GRANT, MARIA B.
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHOD
; FILE REFERENCE: 4300.014100
; CURRENT APPLICATION NUMBER: US/09/874,601
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/063,667
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/046,147
; PRIOR FILING DATE: 1997-05-09
; PRIOR APPLICATION NUMBER: 60/044,492
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 168
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Artificial Sequence
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/
;
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1..7)
; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-168

Query Match 0.7%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 939 TGGCCTGGCCTA 950
Db 12 TGGCCTGGCCTA 1

RESULT 1709
US-10-104-611-28/c
; Sequence 28, Application US/10104611
; Patent No. 6667152
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; Mathews, Michael B.
; Katze, Michael G.
; Witherell, Gary
; Watson, Julia C.
; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
; OF VIRAL REPLICATION
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036/2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/104,611
; FILING DATE: 22-Mar-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,816B
; FILING DATE: 01-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7960-030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-10-104-611-28

Query Match 0.7%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1122 GCTTGGGTCCAC 1133
Db 12 GCTTGGGTCCAC 1
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RESULT 1710
US-10-109-368-28/c
; Sequence 28, Application US/10109368
; Patent No. 6771179
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; Mathews, Michael B.
; Katze, Michael G.
; Witherell, Gary
; Watson, Julia C.
; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
; OF VIRAL REPLICATION
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036/2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/109,368
; FILING DATE: 27-Mar-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,816
; FILING DATE: 01-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7960-030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-10-109-368-28
Query Match 0.7%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1122 GCTTGGGTCCAC 1133
Db 12 GCTTGGGTCCAC 1
RESULT 1711
US-08-985-162-1813/c
; Sequence 1813, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1813:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-1813
Query Match 0.7%; Score 12; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 6.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1369 GATAGCGACGGG 1380
Db 14 GATAGCGACGGG 3
RESULT 1712
US-09-401-063-1813/c
; Sequence 1813, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0

;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/09/401,063
;/ FILING DATE:
;/ CLASSIFICATION:
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: 08/985,162
;/ FILING DATE: 04 December 1997
;/ APPLICATION NUMBER: 60/036,476
;/ FILING DATE: 31 January 1997
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard J.
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 230/107
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 1813:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 14 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-09-401-063-1813

Query Match 0.7%; Score 12; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 6.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1369 GATAGCGACGGG 1380
Db 14 GATAGCGACGGG 3

RESULT 1713
US-08-311-760A-74/c
;/ Sequence 74, Application US/08311760A
;/ Patent No. 5599706
;/ GENERAL INFORMATION:
;/ APPLICANT: Stinchcomb, Dan T.
;/ APPLICANT: McSwiggen, James
;/ APPLICANT: Newton, Roger S.
;/ APPLICANT: Ramharack, Randy
;/ TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
;/ TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
;/ TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
;/ TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
;/ NUMBER OF SEQUENCES: 392
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Lyon & Lyon
;/ STREET: 633 West Fifth Street
;/ CITY: Suite 4700
;/ STATE: Los Angeles
;/ STATE: California
;/ COUNTRY: U.S.A.
;/ ZIP: 90071
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;/ MEDIUM TYPE: storage
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0
;/ SOFTWARE: FastSeq Version 1.5
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/311,760A
;/ FILING DATE: September 23, 1994
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER:
;/ FILING DATE:
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 208/155

;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 74:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 15 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-311-760A-74

Query Match 0.7%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1148 AGATTGACATGT 1159
Db 13 AGATTGACATGT 2

RESULT 1714
US-08-319-492B-469/c
;/ Sequence 469, Application US/08319492B
;/ Patent No. 5616488
;/ GENERAL INFORMATION:
;/ APPLICANT: Sullivan, Sean M.
;/ APPLICANT: Draper, Kenneth G.
;/ APPLICANT: McSwiggen, James
;/ APPLICANT: Stinchcomb, Dan T.
;/ TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
;/ TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
;/ TITLE OF INVENTION: OF IL-5
;/ NUMBER OF SEQUENCES: 751
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Lyon & Lyon
;/ STREET: 633 West Fifth Street
;/ STREET: Suite 4700
;/ CITY: Los Angeles
;/ STATE: California
;/ COUNTRY: U.S.A.
;/ ZIP: 90071
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;/ MEDIUM TYPE: storage
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0
;/ SOFTWARE: Word Perfect 5.1
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/319,492B
;/ FILING DATE: October 7, 1994
;/ PRIOR APPLICATION DATA:
;/ PRIOR APPLICATION DATA: including application
;/ PRIOR APPLICATION DATA: described below:
;/ APPLICATION NUMBER: 08/008,895
;/ FILING DATE: January 19, 1993
;/ APPLICATION NUMBER: 07/989,849
;/ FILING DATE: December 7, 1992
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 209/276
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 469:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 15 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-319-492B-469

Query Match 0.7%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 815 ACACGGAGACT 826
|||||

Db 15 ACACGGAGACT 4

RESULT 1715

US-08-307-682B-23

; Sequence 23, Application US/08307682B

; Patent No. 5665580

; GENERAL INFORMATION:

; APPLICANT: Crooke, Stanley T., Mirabelli,

; APPLICANT: Christopher K., Ecker, David J., Cowsett, Lex M.

; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE

; TITLE OF INVENTION: INHIBITION OF PAPILLIOMAVIRUS TRANSFORMED CELLS

; NUMBER OF SEQUENCES: 30

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Jane Massey Licata, Esq.

; STREET: 210 Lake Drive East, Suite 201

; CITY: Cherry Hill

; STATE: NJ

; COUNTRY: USA

; ZIP: 08002

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM 486

; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS

; SOFTWARE: WORDPERFECT 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/307,682B

; FILING DATE: October 14, 1994

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 860,925

; FILING DATE: March 31, 1992

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: PCT/US90/07067

; FILING DATE: December 3, 1990

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 445,195

; FILING DATE: December 4, 1989

; ATTORNEY/AGENT INFORMATION:

; NAME: Jane Massey Licata, Esquire

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISIS-1049

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (609) 779-2400

; TELEFAX: (609) 779-8488

; INFORMATION FOR SEQ ID NO: 23:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; ANTI-SENSE: yes

US-08-307-682B-23

Query Match 0.7%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1098 GTGGTACCGGCC 1109
|||||

Db 3 GTGGTACCGGCC 14

RESULT 1716

US-08-292-620A-56

; Sequence 56, Application US/08292620A

; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-56
Query Match 0.7%; Score 12; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 6.9e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
QY 930 GCTGTCGCTGG 941
|||||
Db 2 GCUGCUCGUGG 13
RESULT 1717
US-08-292-620A-597
; Sequence 597, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper

;; TITLE OF INVENTION: RIBOZYME TREATMENT OF
;; TITLE OF INVENTION: DISEASES OR CONDITIONS
;; TITLE OF INVENTION: RELATED TO LEVELS OF
;; TITLE OF INVENTION: INTRACELLULAR ADHESION
;; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
;; NUMBER OF SEQUENCES: 2390
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Suite 4700
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/292,620A
;; FILING DATE: August 17, 1994
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; PRIOR APPLICATION DATA: including application
;; PRIOR APPLICATION DATA: described below:
;; APPLICATION NUMBER: 08/008,895
;; FILING DATE: January 19, 1993
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/149
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 597:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-292-620A-597

Query Match 0.7%; Score 12; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 6.9e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 930 GCTGCTCCGTGG 941
||:|:|:|:|:|
Db 2 GCUGCCUGG 13

RESULT 1718
US-08-585-684B-783/c
; Sequence 783, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Jarvis, Thale
; APPLICANT: Stinchcomb, Daniel T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles

;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: FastSEQ Version 1.5
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/585,684B
;; FILING DATE: January 16, 1996
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/000,951
;; FILING DATE: July 7, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/078
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 783:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-585-684B-783

Query Match 0.7%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 596 GCTTTGGGAAC 607
|||||
Db 15 GCITTGGGAAC 4

RESULT 1719
US-08-774-310-74/c
; Sequence 74, Application US/08774310
; Patent No. 5877022
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,310
; FILING DATE: December 23, 1996
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/311,760
 FILING DATE: September 23, 1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 223/229
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 74:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-774-310-74

Query Match 0.7%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels

Qy	1148	AGATTGACATGT	1159
Dp	13	AGATTGACATGT	2

```

RESULT 1720
US-09-071-845-56
; Sequence 56, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390

```

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-56

Query Match 0.7%; Score 12; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 6.9e+02;
Matches 9; Conservative 3; Mismatches 0; Indels

QY 930 GCTGCTCCGTGG 941
|||:||||:|
Db 2 GCUGCUCCGUGG 13

```

RESULT 1721
US-09-071-845-597
; Sequence 597, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
; NUMBER OF SEQUENCES: 2390

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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/232,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 597:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid

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; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-845-597

Query Match      0.7%; Score 12; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 6.9e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 930 GCTGCTCGTGG 941
Db 2 GCUCGUCGUGG 13

RESULT 1722
US-09-038-073-783/c
; Sequence 783, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 783:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-783

Query Match      0.7%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 596 GCTTTGGGAAC 607
Db 15 GCTTTGGGAAC 4

RESULT 1723
US-09-813-781-49/c
; Sequence 49, Application US/09813781
; Patent No. 6405989
; GENERAL INFORMATION:
; APPLICANT: WEIDANZ, JON A.
; APPLICANT: CARD, KIMBERLYN F.
; APPLICANT: WONG, HING C.
; TITLE OF INVENTION: FUSION PROTEINS COMPRISING BACTERIOPHAGE COAT PROTEIN
; TITLE OF INVENTION: AND A SINGLE-CHAIN T-CELL RECEPTOR
; FILE REFERENCE: 46745(1758)
; CURRENT APPLICATION NUMBER: US/09/813,781
; CURRENT FILING DATE: 2001-03-22
; NUMBER OF SEQ ID NOS: 130
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 49
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: oligonucleotide
US-09-813-781-49

Query Match      0.7%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 989 CCCAGAACCTGC 1000
Db 12 CCCAGAACCTGC 1

RESULT 1724
US-08-719-593-6
; Sequence 6, Application US/08719593
; Patent No. 5741706
; GENERAL INFORMATION:
; APPLICANT: Leavitt, Markley Carl
; APPLICANT: Duarte, Elizabeth
; APPLICANT: Tritz, Richard
; APPLICANT: Barber, Jack R.
; APPLICANT: Yu, Marg
; TITLE OF INVENTION: No. 5741706el Anti-HIV Ribozymes
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/719,593
; FILING DATE: No. 5741706 yet assigned
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Weber, Kenneth A.
; REGISTRATION NUMBER: 31,677
; REFERENCE/DOCKET NUMBER: 016556-000810US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA (genomic)
; FEATURE:
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; NAME/KEY: -
; LOCATION: 1.16
; OTHER INFORMATION: /note= "HIV target sequence for pol-2
; OTHER INFORMATION: ribozyme 3308 target site"
US-08-719-593-6

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Query Match	0.7%	Score 12;	DB 1;	Length 16;
Best Local Similarity	75.0%	Pred. No.	7.6e+02;	
Matches	9;	Conservative	3;	Mismatches 0;
				Indels 0;
				Gaps 0;

QY 154 CTGTCAATGACA 165
| : | : | : | : | :
Db 4 CUGUCA AUGACA 15

```

RESULT 1725
US-08-292-620A-1621
; Sequence 1621, Application US/08292620A
; Patent No. 5837542
;
GENERAL INFORMATION:
;
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
;
NUMBER OF SEQUENCES: 2390
;
CORRESPONDENCE ADDRESS:
;
ADDRESSES: Lyon & Lyon
; STREET: 633 West Fifth Street
;
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
;
COMPUTER READABLE FORM:
;
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;
MEDIUM TYPE: storage
;
COMPUTER: IBM Compatible
;
OPERATING SYSTEM: IBM P.C. DOS 5.0
;
SOFTWARE: Word Perfect 5.1
;
CURRENT APPLICATION DATA:
;
APPLICATION NUMBER: US/08/292,620A
;
FILING DATE: August 17, 1994

```

Query Match 0.7%; Score 12; DB 1; Length 16;

```

Best Local Similarity 83.3%; Pred. NO. 7.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 249 TGACCTGGAGA 260
      :|||||
Db 5 UGACCTGGAGA 16

```

```

RESULT 1726
US-08-770-235A-68/c
; Sequence 68, Application US/08770235A
; Patent No. 5939538
; GENERAL INFORMATION:
; APPLICANT: Leavitt, Markley C.
; APPLICANT: Tritz, Richard
; APPLICANT: Feng, Yu
; APPLICANT: Barber, Jack
; APPLICANT: Yu, Mang
; TITLE OF INVENTION: Methods and Compositions for Inhibiting
; TITLE OF INVENTION: HIV Infection of Cells By Cleaving HIV Co-Receptor RNA
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/770,235A
; FILING DATE: 19-DEC-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/027,875
; FILING DATE: 25-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: QUINE, Jonathan A.
; REGISTRATION NUMBER: P-41,261
; REFERENCE/DOCKET NUMBER: 016556-00161005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; US-08-770-235A-68

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Query Match	0.7%;	Score 12;	DB 1;	Length 16;
Best Local Similarity	100.0%;	Pred. No. 7.6e+02;		
Matches	12;	Conservative	0;	Mismatches 0;
				Indels 0;
				Gaps 0;

QY 876 GGATGACTGTGG 887
|||
Db 12 GGATGACTGTGG 1

RESULT 1727
US-09-071-845-1621
; Sequence 1621, Application US/09071945
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen

Query Match

; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1621:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1621

Query Match 0.7%; Score 12; DB 1; Length 16;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 249 TGACCCCTGGAGA 260
:|||||:|||||
Db 5 UGACCCUGGAGA 16

RESULT 1728
US-09-371-772B-6101/c
; Sequence 6101, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6101
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-6101

Query Match 0.7%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 ATGCACAGGAAT 29
:|||||:|||||
Db 16 ATGCACAGGAAT 5

RESULT 1729
US-09-371-772B-7117
; Sequence 7117, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7117
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-7117

Query Match 0.7%; Score 12; DB 1; Length 16;
Best Local Similarity 66.7%; Pred. No. 7.6e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1701 CTCTGTGCTTAC 1712
:|||||:|||||
Db 5 CUCUCUGCCUAC 16

RESULT 1730
US-08-373-124A-2475
; Sequence 2475, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street

STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2475:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2475

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 8.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 136 AAGAAGATCAAA 147
|||||:||||
Db 1 AAGAAGAUCAAA 12

RESULT 1731
US-08-435-628-2475
Sequence 2475, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2475:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2475

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 8.4e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 136 AAGAAGATCAAA 147
|||||:||||
Db 1 AAGAAGAUCAAA 12

RESULT 1732
US-08-856-141-5/c
Sequence 5, Application US/08856141
Patent No. 5948616
GENERAL INFORMATION:
APPLICANT: CHAO, JULIE
TITLE OF INVENTION: METHODS AND COMPOSITIONS OF
CORRELATING TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH
ESSENTIAL HYPERTENSION
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG, P.C.
STREET: Suite 1200, 127 Peachtree Street, NE
CITY: Atlanta
STATE: GA
COUNTRY: USA
ZIP: 30303
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/856,141
FILING DATE: 14-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:

NAME: Miller, Mary L
REGISTRATION NUMBER: 39,303
REFERENCE/DOCKET NUMBER: 19070.0045
TELECOMMUNICATION INFORMATION:
TELEPHONE: 404/688-0770
TELEFAX: 404/688-9880
TELEX:

INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-856-141-5

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 246 CAGTGACCCCTGG 257
|||||
Db 15 CAGTGACCCCTGG 4

RESULT 1733

US-08-856-141-6
Sequence 6, Application US/08856141
Patent No. 5948616

GENERAL INFORMATION:
APPLICANT: CHAO, LEE
TITLE OF INVENTION: METHODS AND COMPOSITIONS OF
CORRELATING TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH
TITLE OF INVENTION: CORRELATING TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH
TITLE OF INVENTION: ESSENTIAL HYPERTENSION
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG, P. C.
STREET: Suite 1200, 127 Peachtree Street, NE
CITY: Atlanta
STATE: GA
COUNTRY: USA
ZIP: 30303

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ For Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/856,141
FILING DATE: 14-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 435
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Miller, Mary L
REGISTRATION NUMBER: 39,303
REFERENCE/DOCKET NUMBER: 19070.0045
TELECOMMUNICATION INFORMATION:
TELEPHONE: 404/688-0770
TELEFAX: 404/688-9880
TELEX:

INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-856-141-6

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 246 CAGTGACCCCTGG 257
|||||
Db 3 CAGTGACCCCTGG 14

RESULT 1734

US-08-181-664-21/c
Sequence 21, Application US/08181664
Patent No. 6025127

GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION IN
HISTOLOGIC TISSUE
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/181,664
FILING DATE: JANUARY 14, 1994
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr., Ph.D., John R.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-3055
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..17
US-08-181-664-21

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 567 CCTCCGTCGTGT 578
|||||
Db 17 CCTCCGTCGTGT 6

RESULT 1735

US-08-985-162-279/c
Sequence 279, Application US/08985162
Patent No. 6057156

GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
OF DISEASES OR CONDITIONS RELATED
TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 279:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-279

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1366 CTTGATGCGAC 1377
Db 12 CTTGATGCGAC 1

RESULT 1736
US-08-985-162-645/c
Sequence 645, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 645:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-645

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1516 CTAAGGAGATT 1527
Db 17 CTAAGGAGATT 6

RESULT 1737
US-08-985-162-646/c
Sequence 646, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510


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; INFORMATION FOR SEQ ID NO: 646:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-646

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1516 CTAAGGAGATT 1527
    |||||
Db 15 CTAAGGAGATT 4

RESULT 1738
US-08-985-162-647/c
; Sequence 647, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 647:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-647

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1516 CTAAGGAGATT 1527
    |||||
Db 15 CTAAGGAGATT 4

INFORMATION FOR SEQ ID NO: 646:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-646

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1516 CTAAGGAGATT 1527
    |||||
Db 15 CTAAGGAGATT 4

RESULT 1739
US-08-864-641B-7
; Sequence 7, Application US/08864641B
; Patent No. 6312684
; GENERAL INFORMATION:
; APPLICANT: Baserga, Renato
; APPLICANT: Abraham, David
; APPLICANT: Resnicoff, Mariana
; TITLE OF INVENTION: Method Of Inducing Resistance To Tumor Growth
; FILE REFERENCE: TJU137
; CURRENT APPLICATION NUMBER: US/08/864,641B
; CURRENT FILING DATE: 1997-05-29
; PRIOR APPLICATION NUMBER: 08/340,732
; PRIOR FILING DATE: 1994-11-16
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6312684el Sequence
US-08-864-641B-7

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1619 CAGACCGAGGCC 1630
    |||||
Db 6 CAGACCGAGGCC 17

RESULT 1740
US-08-584-040-2840/c
; Sequence 2840, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
```


RESULT 1743
US-08-584-040-5862/c
; Sequence 5862, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESS: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5862:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-5862

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 33 GAGGTAGGCAGG 44
Db 13 GAGGTAGGCAGG 2

RESULT 1744
US-09-495-140-5/c
; Sequence 5, Application US/09495140
; Patent No. 6376182
; GENERAL INFORMATION:
; APPLICANT: CHAO, LEE
; APPLICANT: CHAO, JULIE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR CORRELATING
; TITLE OF INVENTION: TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH TREATMENT
; TITLE OF INVENTION: OF ESSENTIAL HYPERTENSION

; FILE REFERENCE: 19113.0081
; CURRENT APPLICATION NUMBER: US/09/495,140
; CURRENT FILING DATE: 2000-01-31
; EARLIER APPLICATION NUMBER: 09/389,566
; EARLIER FILING DATE: 1999-09-03
; EARLIER APPLICATION NUMBER: 08/856,141
; EARLIER FILING DATE: 1997-05-14
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:/No. 6376182e =
; OTHER INFORMATION: synthetic construct
US-09-495-140-5

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 246 CAGTGACCCCTGG 257
Db 15 CAGTGACCCCTGG 4

RESULT 1745

US-09-495-140-6
; Sequence 6, Application US/09495140
; Patent No. 6376182
; GENERAL INFORMATION:
; APPLICANT: CHAO, LEE
; APPLICANT: CHAO, JULIE
; APPLICANT: SONG, QING
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR CORRELATING
; TITLE OF INVENTION: TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH TREATMENT
; TITLE OF INVENTION: OF ESSENTIAL HYPERTENSION
; FILE REFERENCE: 19113.0081
; CURRENT APPLICATION NUMBER: US/09/495,140
; CURRENT FILING DATE: 2000-01-31
; EARLIER APPLICATION NUMBER: 09/389,566
; EARLIER FILING DATE: 1999-09-03
; EARLIER APPLICATION NUMBER: 08/856,141
; EARLIER FILING DATE: 1997-05-14
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:/No. 6376182e =
; OTHER INFORMATION: synthetic construct
US-09-495-140-6

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 246 CAGTGACCCCTGG 257
Db 3 CAGTGACCCCTGG 14

RESULT 1746
US-09-328-174A-30
; Sequence 30, Application US/09328174A
; Patent No. 6448003
; GENERAL INFORMATION:
; APPLICANT: Guida, Marco
; APPLICANT: Kurth, Janice
; TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase

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; TITLE OF INVENTION: (STP2)
; FILE REFERENCE: 4389-6 (formerly SEQ-16P)
; CURRENT APPLICATION NUMBER: US/09/328,174A
; CURRENT FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 09/328,174
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 30
; LENGTH: 17
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-328-174A-30

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 450 CTCCTACTGAGGA 461
Db 2 CTCCTACTGAGGA 13

RESULT 1747
US-09-832-382-7
; Sequence 7, Application US/09832382
; Patent No. 6506415
; GENERAL INFORMATION:
; APPLICANT: Renato Baserga, David Abraham, and Mariana Resnicoff
; TITLE OF INVENTION: Method of Inducing Resistance to Tumor Growth
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6506415ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/832,382
; FILING DATE: 11-Apr-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/864,641
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: TJU-2137
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-09-832-382-7

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1619 CAGACCCGAGGCC 1630
Db 6 CAGACCCGAGGCC 17
```

```
RESULT 1748
US-09-374-712A-7
; Sequence 7, Application US/09374712A
; Patent No. 6541036
; GENERAL INFORMATION:
; APPLICANT: Andrews, David W.
; APPLICANT: Baserga, Renato L
; APPLICANT: Resnicoff, Mariana
; APPLICANT: Abraham, David
; TITLE OF INVENTION: Treatment Of Tumors With Oligonucleotides Directed To Insulin-Like
; FILE REFERENCE: TJU-2385
; CURRENT APPLICATION NUMBER: US/09/374,712A
; CURRENT FILING DATE: 1999-08-13
; PRIOR APPLICATION NUMBER: 08/864,641
; PRIOR FILING DATE: 1997-05-29
; PRIOR APPLICATION NUMBER: 60/096,354
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: 60/113,599
; PRIOR FILING DATE: 1998-12-24
; NUMBER OF SEQ ID NOS: 14
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense oligonucleotide
US-09-374-712A-7

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1619 CAGACCCGAGGCC 1630
Db 6 CAGACCCGAGGCC 17

RESULT 1749
US-09-371-772B-1364/c
; Sequence 1364, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1364
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1364

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 18 ATGCACAGGAAT 29
Db 6 CAGACCCGAGGCC 17
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Db 17 ATGGACAGGAAT 6

RESULT 1750
US-09-371-772B-1365/c
; Sequence 1365, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1365
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1365

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 ATGCACAGGAAT 29
Db 12 ATGCACAGGAAT 1

RESULT 1751
US-09-371-772B-2070
; Sequence 2070, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2070
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2070

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 8.4e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1703 CTCGCGCTACCT 1714
Db 1 CUCUGCCUACCU 12

RESULT 1752
US-09-371-772B-2719/c
; Sequence 2719, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2719
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2719

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 33 GAGGTAGGCAGG 44
Db 13 GAGGTAGGCAGG 2

RESULT 1753
US-09-371-772B-5607/c
; Sequence 5607, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5607
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5607

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 ATGCACAGGAAT 29
Db 16 ATGCACAGGAAT 5

RESULT 1754
US-09-371-772B-5608/c
; Sequence 5608, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 5608
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5608

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 18 ATGGACAGGAAT 29
Db 15 ATGGACAGGAAT 4

RESULT 1755
US-09-371-772B-6705
; Sequence 6705, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6705
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6705

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 821 AGAAGTCCCTCA 832
Db 1 AGAAGUCCUCA 12

RESULT 1756
US-09-371-772B-6816
; Sequence 6816, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6816
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6816

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 8.4e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1701 CTCTCTGCCTAC 1712
Db 6 CUCUCGCCUAC 17

RESULT 1757
US-09-401-063-279/c
; Sequence 279, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF EPIDERMAL GROWTH FACTOR RECEPTORS
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:

```

; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 279:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-279

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1366 CTTGATAGCGAC 1377
Db 12 CTTGATAGCGAC 1

RESULT 1758
US-09-401-063-645/c
; Sequence 645, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 645:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-645

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1516 CTTAAGGAGATT 1527
Db 17 CTTAAGGAGATT 6

RESULT 1759
US-09-401-063-646/c
; Sequence 646, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 646:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-646

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1516 CTTAAGGAGATT 1527
Db 15 CTTAAGGAGATT 4

```

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; TOPOLOGY: linear
; US-09-401-063-645

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1516 CTTAAGGAGATT 1527
Db 17 CTTAAGGAGATT 6

RESULT 1759
US-09-401-063-646/c
; Sequence 646, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 646:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-646

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1516 CTTAAGGAGATT 1527
Db 15 CTTAAGGAGATT 4

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RESULT 1760
US-09-401-063-647/c
; Sequence 647, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401.063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 647:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-647

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1516 CTAAGGAGATT 1527
Db 12 CTAAGGAGATT 1

RESULT 1761
US-09-827-998-539
; Sequence 539, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMWOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 539
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-539

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 287 AACTTCGTTCTG 298
Db 6 AACTTCGTTCTG 17

RESULT 1762
US-09-866-108A-171/c
; Sequence 171, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 171
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-171

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1181 ATGAGATGCCA 1192
|||||

Db 17 ATGAGATGGCCA 6

RESULT 1763

US-09-866-108A-172/c

; Sequence 172, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 172

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-172

Query Match

Best Local Similarity 100.0%; Score 12; DB 1; Length 17;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1181 ATGAGATGGCCA 1192

|||||

Db 16 ATGAGATGGCCA 5

RESULT 1764

US-09-866-108A-173/c

; Sequence 173, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 173

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-173

Query Match 0.7%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 8.4e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1181 ATGAGATGGCCA 1192

|||||

Db 15 ATGAGATGGCCA 4

RESULT 1765

US-09-866-108A-174/c

; Sequence 174, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 174
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-174

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1181 ATGAGATGGCCA 1192
Db 14 ATGAGATGGCCA 3

RESULT 1766
US-09-866-108A-175/c
; Sequence 175, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMONICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 175
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-175

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1181 ATGAGATGGCCA 1192

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; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 521
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-521

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 204 CCCTGAGCAGAT 215
|||||
Db 2 CCCTGAGCAGAT 13

RESULT 1769
US-09-866-108A-522
; Sequence 522, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 521
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-521

; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 522
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-522

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 204 CCCTGAGCAGAT 215
|||||
Db 1 CCCTGAGCAGAT 12

RESULT 1770
US-09-866-108A-1652
; Sequence 1652, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1652
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1652

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1536 AAAGGAGCCAG 1547
|||||
Db 6 AAAGAGCCAG 17

RESULT 1771

US-09-866-108A-1653
; Sequence 1653, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1653
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1653

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1536 AAAGGAGCCAG 1547
|||||
Db 5 AAAGAGCCAG 16

RESULT 1772

US-09-866-108A-1654
; Sequence 1654, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1654
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1654

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1536 AAAGGAGCCAG 1547
|||||
Db 4 AAAGAGCCAG 15

RESULT 1773

US-09-866-108A-1655
; Sequence 1655, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1655
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1655

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1536 AAAGGAGGCCAG 1547
|||||
Db 3 AAAGGAGGCCAG 14

RESULT 1774
US-09-866-108A-1656
; Sequence 1656, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1656
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1656

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1536 AAAGGAGGCCAG 1547
|||||
Db 2 AAAGGAGGCCAG 13

RESULT 1775
US-09-866-108A-1657
; Sequence 1657, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1657
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1657

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1536 AAAGGAGGCCAG 1547
|||||
Db 1 AAAGGAGGCCAG 12

RESULT 1776
US-09-866-108A-8423
; Sequence 8423, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6886188
; SEQ ID NO 8423
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8423

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 960 GCAGAGGTGCT 971
Db 6 GCAGAGGTGCT 17
|||||

RESULT 1777
US-09-866-108A-8424
; Sequence 8424, Application US/09866108A
; Patent No. 6886188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6886188
; SEQ ID NO 8423
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8425

; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6886188
; SEQ ID NO 8424
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8424

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 960 GCAGAGGTGCT 971
Db 5 GCAGAGGTGCT 16
|||||

RESULT 1778
US-09-866-108A-8425
; Sequence 8425, Application US/09866108A
; Patent No. 6886188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6886188
; SEQ ID NO 8425
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8425

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;

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Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 960 GCAGAGGTGCT 971
Db 4 GCAGAGGTGCT 15

RESULT 1779
US-09-866-108A-8426
; Sequence 8426, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8426
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8427

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 960 GCAGAGGTGCT 971
Db 2 GCAGAGGTGCT 13

RESULT 1781
US-09-866-108A-8428
; Sequence 8428, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 960 GCAGAGGTGCT 971
Db 3 GCAGAGGTGCT 14

RESULT 1780
US-09-866-108A-8427
; Sequence 8427, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
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; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8427
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8427

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 960 GCAGAGGTGCT 971
Db 2 GCAGAGGTGCT 13

RESULT 1781
US-09-866-108A-8428
; Sequence 8428, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8428
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8428

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 960 GCAGAGGTGCT 971
|||||
Db 1 GCAGAGGTGCT 12

RESULT 1782
US-09-866-108A-9692/c
; Sequence 9692, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9692
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9692

Query Match 0.7%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 359 ATGGGAGAGTG 370
|||||
Db 17 ATGGGAGAGTG 6

RESULT 1783
US-09-866-108A-9693/c
; Sequence 9693, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9693
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9693

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 359 ATGGGAGAGTG 370
|||||
Db 16 ATGGGAGAGTG 5

RESULT 1784
US-09-866-108A-9694/c
; Sequence 9694, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.


```
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9694
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9694

Query Match      0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 359 ATGGGGAGAGTG 370
      |||||
Db 15 ATGGGGAGAGTG 4

RESULT 1785
US-09-866-108A-9695/c
; Sequence 9695, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9694
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9694

Query Match      0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 359 ATGGGGAGAGTG 370
      |||||
Db 15 ATGGGGAGAGTG 4

RESULT 1786
US-09-866-108A-9696/c
; Sequence 9696, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9696
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9696
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Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 359 ATGGGGAGAGTG 370
Db 13 ATGGGGAGAGTG 2

RESULT 1787

US-09-866-108A-9697/c
; Sequence 9697, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9697
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9697

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 359 ATGGGGAGAGTG 370
Db 12 ATGGGGAGAGTG 1

RESULT 1788

US-09-404-912-144/c
; Sequence 144, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest

; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045 (HCL/NAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 144
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-404-912-144

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 717 GGAACATGAAGA 728
Db 15 GGAACATGAAGA 4

RESULT 1789

US-09-579-288-6/c
; Sequence 6, Application US/09579288
; Patent No. 6730475
; GENERAL INFORMATION:
; APPLICANT: Robertson, Habib
; APPLICANT: Morton, Cynthia
; APPLICANT: Van Camp, Guy
; APPLICANT: Fransen, Erik
; APPLICANT: Van De Heyning, Paul
; TITLE OF INVENTION: METHODS OF DIAGNOSIS AND TREATMENT OF
; TITLE OF INVENTION: MENIERE DISEASE
; FILE REFERENCE: 10286-010001
; CURRENT APPLICATION NUMBER: US/09/579,288
; CURRENT FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/136,008
; PRIOR FILING DATE: 1999-05-26
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetically generated probe
US-09-579-288-6

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 203 CCCCTGAGCAGA 214
Db 15 CCCCTGAGCAGA 4

RESULT 1790

US-10-059-877-5/c
; Sequence 5, Application US/10059877
; Patent No. 6747140
; GENERAL INFORMATION:
; APPLICANT: CHAO, LEE
; APPLICANT: CHAO, JULIE
; APPLICANT: SONG, QING
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR CORRELATING
; TITLE OF INVENTION: TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH ESSENTIAL
; TITLE OF INVENTION: HYPERTENSION

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; FILE REFERENCE: 19113.0081U2
; CURRENT APPLICATION NUMBER: US/10/059,877
; CURRENT FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 09/495,140
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 09/389,566
; PRIOR FILING DATE: 1999-09-03
; PRIOR APPLICATION NUMBER: 08/856,141
; PRIOR FILING DATE: 1997-05-14
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:/No. 6747140e =
; OTHER INFORMATION: synthetic construct
US-10-059-877-5

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      246  CAGTGACCCCTGG 257
          |||||
Db      15  CAGTGACCCCTGG 4

RESULT 1791
US-10-059-877-6
; Sequence 6, Application US/10059877
; Patent No. 6747140
; GENERAL INFORMATION:
; APPLICANT: CHAO, LEE
; APPLICANT: CHAO, JULIE
; APPLICANT: SONG, QING
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR CORRELATING
; TITLE OF INVENTION: TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH ESSENTIAL
; TITLE OF INVENTION: HYPERTENSION
; FILE REFERENCE: 19113.0081U2
; CURRENT APPLICATION NUMBER: US/10/059,877
; CURRENT FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 09/495,140
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 09/389,566
; PRIOR FILING DATE: 1999-09-03
; PRIOR APPLICATION NUMBER: 08/856,141
; PRIOR FILING DATE: 1997-05-14
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:/No. 6747140e =
; OTHER INFORMATION: synthetic construct
US-10-059-877-6

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      246  CAGTGACCCCTGG 257
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Db      3   CAGTGACCCCTGG 14

RESULT 1792
US-07-971-096-16/c
; Sequence 16, Application US/07971096
; Patent No. 5480972
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; GENERAL INFORMATION:
; APPLICANT: Singh, Mohan Bir
; APPLICANT: Kvjoglu, Asil
; APPLICANT: Knox, Robert Bruce
; TITLE OF INVENTION: ALLERGENIC PROTEINS AND PEPTIDES FROM
; TITLE OF INVENTION: JOHNSON GRASS POLLEN
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, Suite 510
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0,
; SOFTWARE: Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/971,096
; FILING DATE: 19921030
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mandragouras, Amy E.
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: IPC-042 (IMI-022)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-07-971-096-16

Query Match          0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      343  TTGAAGATGGG 354
          |||||
Db      18  TTGAAGATGGG 7

RESULT 1793
US-08-319-492B-747/c
; Sequence 747, Application US/08319492B
; Patent No. 5616488
; GENERAL INFORMATION:
; APPLICANT: Sullivan, Sean M.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF IL-5
; NUMBER OF SEQUENCES: 751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
```

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,492B
FILING DATE: October 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 747:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-319-492B-747

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0;

Qy 926 TCCAGCTGCTCC 937
|||||
Db 13 TCCAGCTGCTCC 2

RESULT 1794
US-08-175-096-16/c
Sequence 16, Application US/08175096
Patent No. 5691167
GENERAL INFORMATION:
APPLICANT: Singh, Mohan Bir
APPLICANT: Avjoglou, Asil
APPLICANT: Knox, Robert Bruce
TITLE OF INVENTION: ALLERGENIC PROTEINS AND PEPTIDES FROM
TITLE OF INVENTION: JOHNSON GRASS POLLEN
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, Suite 510
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
SOFTWARE: Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/175,096
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/971,096
FILING DATE: OCT 30, 1992
ATTORNEY/AGENT INFORMATION:

NAME: Mandragouras, Amy E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: IPC-042 (IMI-022)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-175-096-16

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0;

Qy 343 TTGAAGATGGGG 354
|||||
Db 18 TTGAAGATGGGG 7

RESULT 1795
US-08-363-240A-1234/c
Sequence 1234, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1234:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-1234

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Query Match      0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1461 CCTCAGTCTGGG 1472
   15 CCTCAGTCTGGG 4
Db

RESULT 1796
US-08-593-031-1/c
; Sequence 1, Application US/08593031
; Patent No. 5736626
; GENERAL INFORMATION:
; APPLICANT: Khairuzaman Bashar Mullah
; TITLE OF INVENTION: Solid Support Reagents for the Direct Synthesis of 3'-Label
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Paul Grossman, The Perkin Elmer Corporation, Applied Biosystems Div.
; STREET: 850 Lincoln Centre Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 6.20
; SOFTWARE: Microsoft Word for Windows, vers. 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/593,031
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul Grossman
; REGISTRATION NUMBER: 36,537
; REFERENCE/DOCKET NUMBER: 4296
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 638-5846
; TELEFAX: (415) 638-6071
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-593-031-1

Query Match      0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 706 GAGATCAGACTG 717
   15 GAGATCAGACTG 4
Db

RESULT 1797
US-08-424-663-6
; Sequence 6, Application US/08424663
; Patent No. 5750341
; GENERAL INFORMATION:
; APPLICANT: MACEVICZ, Stephen C.
; TITLE OF INVENTION: DNA Sequencing by Stepwise Extension with Oligonucleotide Bloc
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz
; STREET: 21890 Rucker Drive
; CITY: Cupertino
```

```
; STATE: California
; COUNTRY: USA
; ZIP: 95014
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 5.0
; SOFTWARE: Microsoft Word for Windows, vers. 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/424,663
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: peo1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 638-5552
; TELEFAX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-424-663-6

Query Match      0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1009 GAGAGGGGAGAG 1020
   11 GAGAGGGGAGAG 16
Db

RESULT 1798
US-08-525-849C-17
; Sequence 17, Application US/08525849C
; Patent No. 5866411
; GENERAL INFORMATION:
; APPLICANT: Pederson, Finn S
; APPLICANT: Lund, Anders H
; APPLICANT: Lovmand, Jette
; APPLICANT: Jorgensen, Poul
; APPLICANT: Duch, Mogens
; TITLE OF INVENTION: A RETROVIRAL VECTOR, A REPLICATION
; TITLE OF INVENTION: SYSTEM FOR SAID VECTOR AND AVIAN OR MAMMALIAN CELLS
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Gordon W. Hueschen
; STREET: 715 The "H" Building, 310 East Michigan
; STREET: Avenue
; CITY: Kalamazoo
; STATE: MI
; COUNTRY: USA
; ZIP: 49007
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/525,849C
; FILING DATE: 08-SEP-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Hueschen, Gordon W.
; REGISTRATION NUMBER: 16,157
```



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; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/872,446
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/424,663
; FILING DATE: 17-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Powers, Vincent M.
; REGISTRATION NUMBER: 36,246
; REFERENCE/DOCKET NUMBER: 5525-0015/peolus
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 324-0880
; TELEFAX: (650) 324-0960
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-872-446-10

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1009 GAGAGGGGAGAG 1020
Db 14 GAGAGGGGAGAG 3

RESULT 1802
US-09-205-921-22
; Sequence 22, Application US/09205921A
; Patent No. 6008048
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: ex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
; FILE REFERENCE: RTS-0028
; CURRENT APPLICATION NUMBER: US/09/205,921A
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-205-921-22

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 35 GGTAGGCAGGAG 46
Db 7 GGTAGGCAGGAG 18

RESULT 1803
US-09-169-078-17
; Sequence 17, Application US/09169078
; Patent No. 6037172
; GENERAL INFORMATION:

```

```

; APPLICANT: Pederson, Finn S
; APPLICANT: Lund, Anders H
; APPLICANT: Lovmand, Jette
; APPLICANT: Jorgensen, Poul
; APPLICANT: Duch, Mogens
; TITLE OF INVENTION: A RETROVIRAL VECTOR, A REPLICATION
; TITLE OF INVENTION: SYSTEM FOR SAID VECTOR AND AVIAN OR MAMMALIAN CELLS
; TITLE OF INVENTION: TRANSFECTED WITH SAID VECTOR
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Gordon W. Hueschen
; STREET: 715 The "H" Building, 310 East Michigan
; CITY: Kalamazoo
; STATE: MI USA
; COUNTRY: USA
; ZIP: 49007
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/169,078
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/525,849
; FILING DATE: 08-SEP-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Hueschen, Gordon W.
; REGISTRATION NUMBER: 16,157
; REFERENCE/DOCKET NUMBER: ENRIAS 100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 616-382-0030
; TELEFAX: 616-382-2030
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: tRNA
; US-09-169-078-17

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 726 AGAGGGGGCACC 737
Db 6 AGAGGGGGCACC 17

RESULT 1804
US-08-945-654-5
; Sequence 5, Application US/08945654
; Patent No. 6071747
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: IMMORTALIZED CELL LINES FROM HUMAN
; TITLE OF INVENTION: ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS
; TITLE OF INVENTION: THEREOF.
; NUMBER OF SEQUENCES: 22
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/945,654
; FILING DATE:
; CLASSIFICATION: 435

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;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: FR 9504922
;; FILING DATE: 25-APR-1995
;; INFORMATION FOR SEQ ID NO: 5:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid
;; DESCRIPTION: /desc = "PRIMER"
US-08-945-654-5

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 933 GCTCGTGGCCT 944
|||||
Db 4 GCTCGTGGCCT 15

RESULT 1805

US-09-344-521-9/c
; Sequence 9, Application US/09344521
; Patent No. 6100090

GENERAL INFORMATION:

;; APPLICANT: Lex M. Cowser
;; TITLE OF INVENTION: ANTISENSE MODULATION OF PI3K P85 EXPRESSION
;; FILE REFERENCE: RTS-0062
;; CURRENT APPLICATION NUMBER: US/09/344,521
;; CURRENT FILING DATE: 1999-06-25
;; NUMBER OF SEQ ID NOS: 47
;; SEQ ID NO 9

;; LENGTH: 18

;; TYPE: DNA

;; ORGANISM: Artificial Sequence

;; FEATURE:

;; OTHER INFORMATION: Antisense Oligonucleotide

US-09-344-521-9

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 17 GATGACAGGAA 28
|||||
Db 14 GATGACAGGAA 3

RESULT 1806

US-09-169-248-17

;; Sequence 17, Application US/09169248
;; Patent No. 6107478

GENERAL INFORMATION:

;; APPLICANT: Pederson, Finn S
;; APPLICANT: Lund, Anders H
;; APPLICANT: Lovmand, Jette
;; APPLICANT: Jorgensen, Poul
;; APPLICANT: Duch, Mogens
;; TITLE OF INVENTION: A RETROVIRAL VECTOR, A REPLICATION
;; TITLE OF INVENTION: SYSTEM FOR SAID VECTOR AND AVIAN OR MAMMALIAN CELLS
;; TITLE OF INVENTION: TRANSFECTED WITH SAID VECTOR
;; NUMBER OF SEQUENCES: 25
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Gordon W. Hueschen
;; STREET: 715 The "H" Building, 310 East Michigan
;; CITY: Kalamazoo
;; STATE: MI
;; COUNTRY: USA
;; ZIP: 49007

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/169,248
;; FILING DATE:

CLASSIFICATION:

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/525,849
;; FILING DATE: 08-SEP-1995

ATTORNEY/AGENT INFORMATION:

;; NAME: Hueschen, Gordon W.
;; REGISTRATION NUMBER: 16,157
;; REFERENCE/DOCKET NUMBER: ENRIAS 100
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 616-382-0030
;; TELEFAX: 616-382-2030

;; INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

;; LENGTH: 18 base pairs

;; TYPE: nucleic acid

;; STRANDEDNESS: single

;; TOPOLOGY: linear

;; MOLECULE TYPE: trna

US-09-169-248-17

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 726 AGAGGGGGCACC 737
|||||
Db 6 AGAGGGGGCACC 17

RESULT 1807

US-08-960-780-110

;; Sequence 110, Application US/08960780
;; Patent No. 6204435

GENERAL INFORMATION:

;; APPLICANT: Feitelson, Jerald S.
;; APPLICANT: Schnepf, H. Ernest
;; APPLICANT: Narva, Kenneth E.
;; APPLICANT: Stockhoff, Brian A.
;; APPLICANT: Schmeits, James
;; APPLICANT: Loewer, David
;; APPLICANT: Dullum, Charles Joseph
;; APPLICANT: Muller-Cohn, Judy
;; APPLICANT: Stamp, Lisa
;; TITLE OF INVENTION: NO. 6204435el Pesticidal Toxins and Nucleotide
;; TITLE OF INVENTION: Sequences Which Encode These Toxins
;; NUMBER OF SEQUENCES: 134
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
;; STREET: 2421 N.W. 41st Street, Suite A-1
;; CITY: Gainesville
;; STATE: FL
;; COUNTRY: US
;; ZIP: 32606-6669

COMPUTER READABLE FORM:

;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/960,780
;; FILING DATE: 30-OCT-1997
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 60/029,848
;; FILING DATE: 30-OCT-1996


```
; ATTORNEY/AGENT INFORMATION:
; NAME: Saliwanchik, David R.
; REGISTRATION NUMBER: 31,794
; REFERENCE/DOCKET NUMBER: MA-708
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 110:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-960-780-110

Query Match      0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 9.2e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 751 CGGGAAGTGTCCCTGCTC 768
Db 1 CTGGAARYGTSACGGCTC 18

RESULT 1808
US-08-960-780-134/C
; Sequence 134, Application US/08960780
; Patent No. 6204435
; GENERAL INFORMATION:
; APPLICANT: Feitelson, Jerald S.
; APPLICANT: Schnepf, H. Ernest
; APPLICANT: Narva, Kenneth E.
; APPLICANT: Stockhoff, Brian A.
; APPLICANT: Schmeits, James
; APPLICANT: Loewer, David
; APPLICANT: Dullum, Charles Joseph
; APPLICANT: Muller-Cohn, Judy
; APPLICANT: Stamp, Lisa
; TITLE OF INVENTION: No. 6204435el Pesticidal Toxins and Nucleotide
; TITLE OF INVENTION: Sequences Which Encode These Toxins
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: US
; ZIP: 32606-6669
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/960,780
; FILING DATE: 30-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,848
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Saliwanchik, David R.
; REGISTRATION NUMBER: 31,794
; REFERENCE/DOCKET NUMBER: MA-708
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 134:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-960-780-134

Query Match      0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 9.2e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 751 CGGGAAGTGTCCCTGCTC 768
Db 18 CTGGAARYGTSACGGCTC 1

RESULT 1809
US-08-991-789A-128
; Sequence 128, Application US/08991789A
; Patent No. 6225054
; GENERAL INFORMATION:
; APPLICANT: Fridakis, Tony N.
; APPLICANT: Smith, John M.
; APPLICANT: Reed, Steven G.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TREATMENT AND DIAGNOSIS OF BREAST CANCER
; NUMBER OF SEQUENCES: 292
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed IP Law Group
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/991,789A
; FILING DATE: 11-Dec-1997
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Potter, Jane E. R.
; REGISTRATION NUMBER: 33,332
; REFERENCE/DOCKET NUMBER: 210121.419C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; INFORMATION FOR SEQ ID NO: 128:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 128:
US-08-991-789A-128

Query Match      0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1713 CTGCCTGAGCCA 1724
Db 1 CTGCCTGAGCCA 12

RESULT 1810
US-09-073-898-110
; Sequence 110, Application US/09073898
; Patent No. 6242669
; GENERAL INFORMATION:
; APPLICANT: Feitelson, Jerald S.
; APPLICANT: Schnepf, H. Ernest
; APPLICANT: Narva, Kenneth E.
```

APPLICANT: Stockhoff, Brian A.
APPLICANT: Schmeits, James
APPLICANT: Loewer, David
APPLICANT: Dullum, Charles Joseph
APPLICANT: Muller-Cohn, Judy
APPLICANT: Stamp, Lisa
APPLICANT: Morrill, George
APPLICANT: Finstad-Lee, Stacey
TITLE OF INVENTION: No. 624269el Pesticidal Toxins and Nucleotide
SEQUENCES Which Encode These Toxins
NUMBER OF SEQUENCES: 144
CORRESPONDENCE ADDRESS:
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: FL
COUNTRY: US
ZIP: 32606-6669
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073,898
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,848
FILING DATE: 30-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/960,780
FILING DATE: 30-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Sanders, Jay M.
REGISTRATION NUMBER: 39,355
REFERENCE/DOCKET NUMBER: MA-708C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352-375-8100
TELEFAX: 352-372-5800
INFORMATION FOR SEQ ID NO: 110:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-073-898-110

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 9.2e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 751 CGGGAAGTGTCCCTGCTC 768
Db 1 CTGGAARYGTSACGGCTC 18

RESULT 1811
US-09-073-898-134/c
Sequence 134, Application US/09073898
Patent No. 6242669
GENERAL INFORMATION:
APPLICANT: Feitelson, Jerald S.
APPLICANT: Schnepf, H. Ernest
APPLICANT: Narva, Kenneth E.
APPLICANT: Stockhoff, Brian A.
APPLICANT: Schmeits, James
APPLICANT: Loewer, David
APPLICANT: Dullum, Charles Joseph
APPLICANT: Muller-Cohn, Judy
APPLICANT: Stamp, Lisa
APPLICANT: Morrill, George

APPLICANT: Finstad-Lee, Stacey
TITLE OF INVENTION: No. 624269el Pesticidal Toxins and Nucleotide
SEQUENCES Which Encode These Toxins
NUMBER OF SEQUENCES: 144
CORRESPONDENCE ADDRESS:
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: FL
COUNTRY: US
ZIP: 32606-6669
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073,898
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,848
FILING DATE: 30-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/960,780
FILING DATE: 30-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Sanders, Jay M.
REGISTRATION NUMBER: 39,355
REFERENCE/DOCKET NUMBER: MA-708C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352-375-8100
TELEFAX: 352-372-5800
INFORMATION FOR SEQ ID NO: 134:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-073-898-134

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 9.2e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 751 CGGGAAGTGTCCCTGCTC 768
Db 18 CTGGAARYGTSACGGCTC 1

RESULT 1812
US-09-256-340-2/c
Sequence 2, Application US/09256340
Patent No. 6255476
GENERAL INFORMATION:
APPLICANT: Vinayak, Ravi S.
APPLICANT: Lee, Linda G.
APPLICANT: Mullah, Khairuzzaman B.
APPLICANT: Rosenblum, Barnett B.
TITLE OF INVENTION: Methods and Compositions for Synthesis of Labelled
Oligonucleotides and Analogs on Solid-Supports
FILE REFERENCE: 4407
CURRENT APPLICATION NUMBER: US/09/256,340
CURRENT FILING DATE: 1999-02-22
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2
LENGTH: 18
TYPE: DNA
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: Test Sequence

US-09-256-340-2

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 706 GAGATCAGACTG 717

|||||

Db

15 GAGATCAGACTG 4

RESULT 1813

US-09-256-340-3/c
; Sequence 3, Application US/09256340
; Patent No. 6255476
; GENERAL INFORMATION:
; APPLICANT: Vinayak, Ravi S.
; APPLICANT: Lee, Linda G.
; APPLICANT: Mullah, Khairuzzaman B.
; APPLICANT: Rosenblum, Barnett B.
; TITLE OF INVENTION: Methods and Compositions for Synthesis of Labelled
; TITLE OF INVENTION: Oligonucleotides and Analogs on Solid-Supports
; FILE REFERENCE: 4407
; CURRENT APPLICATION NUMBER: US/09/256,340
; CURRENT FILING DATE: 1999-02-22
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Test Sequence

US-09-256-340-3

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 706 GAGATCAGACTG 717

|||||

Db

15 GAGATCAGACTG 4

RESULT 1814

US-09-280-270A-6
; Sequence 6, Application US/09280270A
; Patent No. 6306597
; GENERAL INFORMATION:
; APPLICANT: Macevicz, Stephen C.
; TITLE OF INVENTION: DNA Sequencing by Parallel
; TITLE OF INVENTION: Oligonucleotide Extensions
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,270A
; FILING DATE: 29-Mar-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/424,663
; FILING DATE: 17-APR-1995
; ATTORNEY/AGENT INFORMATION:

; NAME: Powers, Vincent M.
; REGISTRATION NUMBER: 36,246
; REFERENCE/DOCKET NUMBER: 5525-0015/peolus
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 324-0880
; TELEFAX: (650) 324-0960
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-280-270A-6

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1009 GAGAGGGGAGAG 1020

|||||

Db

5 GAGAGGGGAGAG 16

RESULT 1815

US-09-280-270A-10/c
; Sequence 10, Application US/09280270A
; Patent No. 6306597
; GENERAL INFORMATION:
; APPLICANT: Macevicz, Stephen C.
; TITLE OF INVENTION: DNA Sequencing by Parallel
; TITLE OF INVENTION: Oligonucleotide Extensions
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,270A
; FILING DATE: 29-Mar-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/424,663
; FILING DATE: 17-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Powers, Vincent M.
; REGISTRATION NUMBER: 36,246
; REFERENCE/DOCKET NUMBER: 5525-0015/peolus
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 324-0880
; TELEFAX: (650) 324-0960
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-280-270A-10

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1009 GAGAGGGGAGAG 1020

```
Db      14 GAGAGGGGAGAG 3
|||||
RESULT 1816
US-09-813-378-2/c
; Sequence 2, Application US/09813378
; Patent No. 6316610
; GENERAL INFORMATION:
; APPLICANT: Vinayak, Ravi S.
; APPLICANT: Lee, Linda G.
; APPLICANT: Mullah, Khairuzzaman B.
; APPLICANT: Rosenblum, Barnett B.
; TITLE OF INVENTION: Methods and Compositions for Synthesis of Labelled
; FILE REFERENCE: 4407
; CURRENT APPLICATION NUMBER: US/09/813,378
; CURRENT FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 09/256,340
; PRIOR FILING DATE: 1999-02-22
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Test Sequence
US-09-813-378-2
Query Match      0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      706 GAGATCAGACTG 717
|||||
Db      15 GAGATCAGACTG 4

RESULT 1817
US-09-813-378-3/c
; Sequence 3, Application US/09813378
; Patent No. 6316610
; GENERAL INFORMATION:
; APPLICANT: Vinayak, Ravi S.
; APPLICANT: Lee, Linda G.
; APPLICANT: Mullah, Khairuzzaman B.
; APPLICANT: Rosenblum, Barnett B.
; TITLE OF INVENTION: Methods and Compositions for Synthesis of Labelled
; FILE REFERENCE: 4407
; CURRENT APPLICATION NUMBER: US/09/813,378
; CURRENT FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 09/256,340
; PRIOR FILING DATE: 1999-02-22
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Test Sequence
US-09-813-378-3
Query Match      0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      706 GAGATCAGACTG 717
|||||
Db      15 GAGATCAGACTG 4

RESULT 1818
US-09-062-451-128
; Sequence 128, Application US/09062451
; Patent No. 6344550
; GENERAL INFORMATION:
; APPLICANT: Fridakis, Tony N.
; APPLICANT: Smith, John M.
; APPLICANT: Reed, Steven G.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TREATMENT AND DIAGNOSIS OF BREAST CANCER
; NUMBER OF SEQUENCES: 297
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/062,451
; FILING DATE: 04-APR-1997
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.419C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 128:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-062-451-128
Query Match      0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1713 CTGCGCTGAGCCA 1724
|||||
Db      1 CTGCGCTGAGCCA 12

RESULT 1819
US-08-584-040-3075/c
; Sequence 3075, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TREATMENT OF DISEASES OR
; CONDITIONS RELATED TO LEVELS
; OF VASCULAR ENDOTHELIAL
; GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
```

COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3075:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-3075

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 ATGCACAGGAAT 29
Db 13 ATGCACAGGAAT 2

RESULT 1820
US-09-205-995-16/c
Sequence 16, Application US/09205995
Patent No. 636855
GENERAL INFORMATION:
APPLICANT: Xu, Minzhen
APPLICANT: Qiu, Gang
APPLICANT: Humphreys, Robert
TITLE OF INVENTION: CANCER CELL VACCINE
FILE REFERENCE: U.S. Application 09/205,995, (CIP)
CURRENT APPLICATION NUMBER: US/09/205,995
CURRENT FILING DATE: 1998-12-04
PRIOR APPLICATION NUMBER: 09/036,746
PRIOR FILING DATE: 1998-03-09
PRIOR APPLICATION NUMBER: 08/661,627
PRIOR FILING DATE: 1996-06-11
NUMBER OF SEQ ID NOS: 79
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 16
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: antisense
OTHER INFORMATION: oligonucleotide corresponding to a specific region
OTHER INFORMATION: of the mouse Ii gene.
US-09-205-995-16

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 989 CCCAGACCTGC 1000

Db 17 CCAGACCTGC 6

RESULT 1821
US-09-598-326-128
Sequence 128, Application US/09598326
Patent No. 6423496
GENERAL INFORMATION:
APPLICANT: Fridakis, Tony N.
Smith, John M.
Reed, Steven G.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TREATMENT AND DIAGNOSIS OF BREAST CANCER
NUMBER OF SEQUENCES: 247
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed Intellectual Property Law Group PLLC
STREET: 701 Fifth Avenue, Suite 6300
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/598,326
FILING DATE: 20-Jun-2000
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Potter, Jane E.R.
REGISTRATION NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 210121.419D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 128:
US-09-598-326-128

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1713 CTGCCTGAGCCA 1724
Db 1 CTGCCTGAGCCA 12

RESULT 1822
US-10-010-717-2/c
Sequence 2, Application US/10010717
Patent No. 6525183
GENERAL INFORMATION:
APPLICANT: Vinayak, Ravi S.
APPLICANT: Lee, Linda G.
APPLICANT: Mullah, Khairuzzaman B.
APPLICANT: Rosenblum, Barnett B.
TITLE OF INVENTION: Methods and Compositions for Synthesis of Labelled
TITLE OF INVENTION: Oligonucleotides and Analogs on Solid-Supports
FILE REFERENCE: 4407
CURRENT APPLICATION NUMBER: US/10/010,717
CURRENT FILING DATE: 2001-11-07
PRIOR APPLICATION NUMBER: 09/256,340
PRIOR FILING DATE: 1999-02-22
NUMBER OF SEQ ID NOS: 8

; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: Test Sequence
; OTHER INFORMATION: Test Sequence
US-10-010-717-2

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 706 GAGATCAGACTG 717
Db 15 GAGATCAGACTG 4
|||||

RESULT 1823
US-10-010-717-3/c
; Sequence 3, Application US/10010717
; Patent No. 6525183
; GENERAL INFORMATION:
; APPLICANT: Vinayak, Ravi S.
; APPLICANT: Lee, Linda G.
; APPLICANT: Mullah, Khairuzzaman B.
; APPLICANT: Rosenblum, Barnett B.
; TITLE OF INVENTION: Methods and Compositions for Synthesis of Labelled
; TITLE OF INVENTION: Oligonucleotides and Analogs on Solid-Supports
; FILE REFERENCE: 4407
; CURRENT APPLICATION NUMBER: US/10/010,717
; CURRENT FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 09/256,340
; PRIOR FILING DATE: 1999-02-22
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Test Sequence
US-10-010-717-3

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 706 GAGATCAGACTG 717
Db 15 GAGATCAGACTG 4
|||||

RESULT 1824
US-09-422-978-4609
; Sequence 4609, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4609

; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-16265 for SEQ 675,
US-09-422-978-4609

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 594 TGGCTTTGGGAA 605
Db 1 TGGCTTTGGGAA 12
|||||

RESULT 1825
US-09-422-978-11660/c
; Sequence 11660, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11660
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-21246 for SEQ 3795, in compleme
US-09-422-978-11660

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 531 CAATAGCCCCAT 542
Db 17 CAATAGCCCCAT 6
|||||

RESULT 1826
US-09-371-772B-1502/c
; Sequence 1502, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Payco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26

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; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1502
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1502

Query Match          0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 ATGCACAGGAAT 29
Db 13 ATGCACAGGAAT 2

RESULT 1827
US-09-289-198-128
; Sequence 128, Application US/09289198
; Patent No. 6586570
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony N.
; APPLICANT: Smith, John M.
; APPLICANT: Reed, Steven G.
; APPLICANT: Misher, Lynda
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; FILE OF INVENTION: TREATMENT AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.419C5
; CURRENT APPLICATION NUMBER: US/09/289,198
; CURRENT FILING DATE: 1999-04-09
; EARLIER APPLICATION NUMBER: US 09/062,451
; EARLIER FILING DATE: 1998-04-17
; EARLIER APPLICATION NUMBER: US 08/991,789
; EARLIER FILING DATE: 1997-12-11
; EARLIER APPLICATION NUMBER: US 08/838,762
; EARLIER FILING DATE: 1997-04-09
; EARLIER APPLICATION NUMBER: PCT/US97/00485
; EARLIER FILING DATE: 1997-01-10
; EARLIER APPLICATION NUMBER: US 08/700,014
; EARLIER FILING DATE: 1996-08-20
; EARLIER APPLICATION NUMBER: US 08/585,392
; EARLIER FILING DATE: 1996-01-01
; NUMBER OF SEQ ID NOS: 312
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 128
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer for amplification from breast tumor cDNA
US-09-289-198-128

Query Match          0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1713 CTGCTGAGCCA 1724
Db 1 CTGCTGAGCCA 12

RESULT 1829
US-09-850-351A-110
; Sequence 110, Application US/09850351A
; Patent No. 6656908
; GENERAL INFORMATION:
; APPLICANT: Feitelson, Jerald S.
; APPLICANT: Schnepf, H. Ernest
; Narva, Kenneth E.
; Stockhoff, Brian A.
; Schmeits, James
; Loewer, David
; Dullum, Charles Joseph
; Muller-Cohn, Judy
; Stamp, Lisa
; Morrill, George
; TITLE OF INVENTION: No. 6656908el Pesticidal Toxins and Nucleotide
; Sequences Which Encode These Toxins
; NUMBER OF SEQUENCES: 144
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: US
; ZIP: 32606-6669
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/850,351A
; FILING DATE: 07-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/073,898
; FILING DATE: 06-MAY-1998
; APPLICATION NUMBER: US 08/960,780
; FILING DATE: 30-OCT-1997
; APPLICATION NUMBER: US 60/029,848
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sanders, Jay M.
; REGISTRATION NUMBER: 39,355
; REFERENCE/DOCKET NUMBER: MA-708CD1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
```

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;
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 110:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 110:
US-09-850-351A-110

Query Match          0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 9.2e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 751 CGGGAAGTGTCCCTGCTC 768
Db 1 CTGGAARYGTSACGGCTC 18

RESULT 1830
US-09-850-351A-134/C
; Sequence 134, Application US/09850351A
; Patent No. 6656908
; GENERAL INFORMATION:
; APPLICANT: Feitelson, Jerald S.
; Schnepf, H. Ernest
; Narva, Kenneth E.
; Stockhoff, Brian A.
; Schmeits, James
; Loewer, David
; Dullum, Charles Joseph
; Muller-Cohn, Judy
; Stamp, Lisa
; Morrill, George
; TITLE OF INVENTION: No. 6656908el Pesticidal Toxins and Nucleotide
; Sequences Which Encode These Toxins
; NUMBER OF SEQUENCES: 144
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: US
; ZIP: 32606-6669
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/850,351A
; FILING DATE: 07-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/073,898
; FILING DATE: 06-MAY-1998
; APPLICATION NUMBER: US 08/960,780
; FILING DATE: 30-OCT-1997
; APPLICATION NUMBER: US 60/029,848
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sanders, Jay M.
; REGISTRATION NUMBER: 39,355
; REFERENCE/DOCKET NUMBER: MA-708CD1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 134:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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;
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 134:
US-09-850-351A-134

Query Match          0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 9.2e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 751 CGGGAAGTGTCCCTGCTC 768
Db 18 CTGGAARYGTSACGGCTC 1

RESULT 1831
US-08-875-573-10
; Sequence 10, Application US/08875573
; Patent No. 6150132
; GENERAL INFORMATION:
; APPLICANT: Wells, Timothy N.C.
; APPLICANT: Power, Christine A.
; TITLE OF INVENTION: A CHEMOKINE RECEPTOR ABLE TO BIND TO
; MIP-1, MIP-1 ALPHA AND/OR RANTES. ITS USES
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHVE P.C.
; STREET: 1100 No. 6150132th Glebe Rd. 8th floor
; CITY: Arlington
; STATE: VA
; COUNTRY: USA
; ZIP: 22201-4741
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,573
; FILING DATE: 31-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB96/00143
; FILING DATE: 24-JAN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9501683.8
; FILING DATE: 27-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mary J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 1430-172
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-816-4000
; TELEFAX: 703-816-4100
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; ANTI-SENSE: YES
; US-08-875-573-10

Query Match          0.7%; Score 12; DB 1; Length 21;
Best Local Similarity 75.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1224 GGAGGACAGCTACACTTCA 1243
Db 1 GGTTGAGCAGGTACACATCA 20
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RESULT 1832

US-08-719-593-6/c
; Sequence 6, Application US/08719593
; Patent No. 5741706
; GENERAL INFORMATION:
; APPLICANT: Leavitt, Markley Carl
; APPLICANT: Duarte, Elizabeth
; APPLICANT: Tritz, Richard
; APPLICANT: Barber, Jack R.
; APPLICANT: Yu, Mang
; TITLE OF INVENTION: No. 5741706el Anti-HIV Ribozymes
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/719,593
; FILING DATE: No. 5741706 yet assigned
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Weber, Kenneth A.
; REGISTRATION NUMBER: 31,677
; REFERENCE/DOCKET NUMBER: 016556-000810US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA (genomic)
; FEATURE:
; NAME/KEY:
; LOCATION: 1..16
; OTHER INFORMATION: /note= "HIV target sequence for pol-2
; OTHER INFORMATION: ribozyme 3308 target site"
US-08-719-593-6

Query Match 0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 8.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 155 TGTCATGTGACATCC 169
Db 15 TGTCATGTGACATCC 1

RESULT 1833

US-08-584-040-4222/c
; Sequence 4222, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4222:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-4222

Query Match 0.7%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 9.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1046 CCGAGCCCAAGTCAA 1060
Db 17 CCGAGCCCAAGTCAA 3

RESULT 1834

US-09-371-772B-1989/c
; Sequence 1989, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 1989
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1989

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Query Match          0.7%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 9.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1046 CCCGAGCCCAAGTCAA 1060
Db 17 CCCGGCCCAAGCCAA 3

RESULT 1835
US-09-235-538-5
; Sequence 5, Application US/09235538
; Patent No. 6395479
; GENERAL INFORMATION:
; APPLICANT: Reichardt, Juergen, K.V., Ph.D.
; APPLICANT: Gerhardt, Coetzee, A., Ph.D.
; APPLICANT: Henderson, Brian E., M.D.
; APPLICANT: Makridakis, Nick
; APPLICANT: Ross, Ronald, M.D.
; APPLICANT: University of Southern California
; TITLE OF INVENTION: ANDROGEN-METABOLIC GENE MUTATIONS AND
; TITLE OF INVENTION: PROSTATE CANCER RISK
; FILE REFERENCE: 13761-706US1
; CURRENT APPLICATION NUMBER: US/09/235.538
; CURRENT FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: US 60/072,225
; PRIOR FILING DATE: 1998-01-23
; PRIOR APPLICATION NUMBER: PCT/US99/01165
; PRIOR FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-235-538-5

Query Match          0.7%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 9.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 277 GCTCTGGGGAACCT 291
Db 2 GCTCTGGGGAACCT 16

RESULT 1836
US-09-866-108A-8498
; Sequence 8498, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866.108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8724
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8724
```

```
Query Match          0.7%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 9.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1221 GGTGGAGGACAGCT 1235
Db 3 GGTGGATGAGCAGCT 17

RESULT 1837
US-09-866-108A-8724/c
; Sequence 8724, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866.108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8724
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8724
```

Query Match 0.7%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 9.4e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 CTGTTCCAGCTGCTC 936
DB 17 CTGTTCCAGTACTC 3

RESULT 1838
US-09-256-496-9
Sequence 9, Application US/09256496
Patent No. 5998206
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF G-AFLHA-12 EXPRESSION
FILE REFERENCE: RTS-0056
CURRENT APPLICATION NUMBER: US/09/256,496
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 86
SEQ ID NO 9
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-496-9

Query Match 0.7%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1e+03; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1637 GGCAGCGGTGGAGG 1651
DB 1 GGCAGCGGTGGAGG 15

RESULT 1839
US-08-485-721-20/c
Sequence 20, Application US/08485721
Patent No. 5821124
GENERAL INFORMATION:
APPLICANT: Regeneron Pharmaceuticals, Inc. and
APPLICANT: Regents of the University of California
TITLE OF INVENTION: Dorsal Tissue Affecting Factor and
TITLE OF INVENTION: Compositions
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Regeneron Pharmaceuticals, Inc.
STREET: 777 Old Saw Mill River Road
CITY: Tarrytown
STATE: New York
COUNTRY: U.S.A.
ZIP: 10591
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,721
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/392,935
FILING DATE: 02-SEP-1993
APPLICATION NUMBER: PCI/US93/08326
FILING DATE: 02-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: Kempler Ph.D., Gail M.
REGISTRATION NUMBER: 32,143
REFERENCE/DOCKET NUMBER: Reg 132
TELEPHONE: 914-347-7000
TELEFAX: 914-347-2113
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA
US-08-485-721-20

Query Match 0.7%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1e+03; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 910 GTGAAACTGTTCCTG 924
DB 16 GTGTAAGTGTTCCTG 2

RESULT 1840
US-08-392-935-20/c
Sequence 20, Application US/08392935
Patent No. 5843775
GENERAL INFORMATION:
APPLICANT: Regeneron Pharmaceuticals, Inc. and
APPLICANT: Regents of the University of California
TITLE OF INVENTION: Dorsal Tissue Affecting Factor and
TITLE OF INVENTION: Compositions
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Regeneron Pharmaceuticals, Inc.
STREET: 777 Old Saw Mill River Road
CITY: Tarrytown
STATE: New York
COUNTRY: U.S.A.
ZIP: 10591
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/392,935
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCI/US93/08326
FILING DATE: 02-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: Kempler Ph.D., Gail M.
REGISTRATION NUMBER: 32,143
REFERENCE/DOCKET NUMBER: Reg 132
TELEPHONE: 914-347-7000
TELEFAX: 914-347-2113
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA
US-08-392-935-20

Query Match 0.7%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1e+03; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 910 GTGAAACTGTTCCTG 924
DB 16 GTGTAAGTGTTCCTG 2

Query Match	0.7%	Score 11.8;	DB 1;	Length 18;
Best Local Similarity	86.7%	Pred. NO. 1e+03;		
Matches 13;	Conservative	0;	Mismatches 2;	Indels 0;
				Gaps 0

Qy	910	GTGAACTGTTCTCTG	924
Db	16	GTGTAAGTGTCTCTG	2

```

RESULT 1844
PCT-US93-08326-20/c
; Sequence 20, Application PC/TUS9308326
; GENERAL INFORMATION:
; APPLICANT: Valenzuela, et al.
; TITLE OF INVENTION: Dorsal Tissue Affecting Factor and
; TITLE OF INVENTION: Compositions
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Regeneron Pharmaceuticals, Inc.
; STREET: 777 Old Saw Mill River Road
; CITY: Tarrytown
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10591
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/08326
; FILING DATE: 02-SEP-1993
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kempler Ph.D., Gail M.
; REGISTRATION NUMBER: 32,143
; REFERENCE/DOCKET NUMBER: Reg 132
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; TELEPHONE: 914-347-7000
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; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA
PCT-US93-08326-20

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Query Match	0.7%;	Score 11.8;	DB 1;	Length 18;
Best Local Similarity	86.7%;	Pred. No. 1e+03;		
Matches 13;	Conservative	0;	Mismatches 2;	Indels 0;
				Gaps 0;

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||| ||| ||| ||| |||
db 16 GTGTAAGTGTTCCTG 2

Search completed: November 2, 2004, 13:29:28
Job time : 41 secs
